Canadian Intellectual Property Office
An Agency of Industry Canada

Office de la propriété intellectuelle du Canada
Un organisme d'Industrie Canada

ISSN-1712-4034

The Patent Office Record

La Gazette du Bureau des brevets

Vol. 145 No. 38 September 19, 2017 Vol. 145 No. 38 le 19 septembre 2017

Canada

CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates
All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals
The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates
Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code
Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: **(www.wipo.int/scit/en/standards/standards.htm)**.

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abregés) qui se trouve au site Web de l'OMPI: **(www.wipo.int/scit/fr/standards/standards.htm)**.

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting **(www.strategis.ic.gc.ca/patentsorder)** or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web **(www.strategis.ic.gc.ca/brevetscommande)** ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

2,654,395
2,676,118
2,701,086
2,704,131
2,717,504

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

2,654,395
2,676,118
2,701,086
2,704,131
2,717,504

Avis

2,745,646
2,755,317
2,765,148
2,926,128

2,745,646
2,755,317
2,765,148
2,926,128

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet public doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 1, 2017

1. **Transmittal Fee** (Rule 14)	**$300**
2. **International Filing Fee**	**$1792***
For each additional sheet over 30	**$20**
3. **International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 1 janvier 2017

1. **Taxe de transmission** (Règle 14)	**300 $**
2. **Taxe de dépôt internationale**	**1792 $***
Pour chaque feuille au delà de 30	**20 $**
3. **Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(*a*)) **$269**

6. Preliminary examination fee (Rule 58) **$800**

* International fees will be reduced by:

- **$269** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$404** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*)) **269 $**

6. Taxe d'examen préliminaire (Règle 58) **800 $**

* Les frais seront réduits de:

- **269 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **404 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (**publications.mail@wipo.int**) or visit their Web site (**www.wipo.int**).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (**publications.mail@wipo.int**) ou visiter leur site Web (**www.wipo.int**).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

June 20, 2017

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
3. Details concerning the electronic formats accepted
4. General Information
5. Statutory Holidays
6. Procedures in case of an unexpected Office closure at CIPO
7. Procedures when CIPO is open for business but clients are unable to communicate with the Office
8. Intellectual property acts, rules and regulations

14. Procédures de correspondance

le 20 juin, 2017

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2. Correspondance électronique
3. Précisions concernant les formats électroniques acceptés
4. Renseignements généraux
5. Jours fériés
6. Procédures en cas de fermeture des bureaux
7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture
8. Lois, règles et règlements sur la propriété intellectuelle

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 343-291-3436

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Innovation, Science and Economic Development Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6

1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Innovation, Sciences et Développement économique Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 343-291-3436

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Innovation, Science and Economic Development Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Innovation, Sciences et Développement économique Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

1.2. Services Courrier recommandé^MC et Xpresspost^MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont des

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

établissements ou des bureaux désignés auxquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

2. Electronic Correspondence

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

2. Correspondance électronique

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

- (819) 953-CIPO (2476) or
- (819) 953-OPIC (6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

- 819-953-OPIC (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre

of patent agents; and

- ordering copies in paper, or electronic form of a document.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Trademarks

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a

des agents de brevets;

- commande de copies papier ou d'un document sous forme électronique.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment par les pages suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce.
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Droits d'auteur

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

communication signal;

- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

communication;

- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circaits intégrés.

2.3 Electronic medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

2.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui

application itself or amendment(s) thereof.

contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or

ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3.5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe

the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

3. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

CIPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta**: Third Monday in February (Alberta Family Day)
2. **British Columbia**:
   - First Monday in August (British Columbia Day)
   - Second Monday in February (British Columbia Family Day)
3. **New Brunswick**: First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador**:
   - March 17 (St. Patrick's Day)
   - April 23 (St. George's Day)
   - June 24 (Discovery Day)
   - July 12 (Orangemen's Day)
   - First Monday in August (Regatta Day)
5. **Nova Scotia**: First Monday in August (Civic Holiday)
6. **Ontario**:
   - Third Monday in February (Ontario Family Day)
   - First Monday in August (Civic Holiday)
7. **Prince Edward Island**: First Monday In August (Civic Holiday)
8. **Quebec**: June 24 (St. John the Baptist Day)
9. **Saskatchewan**: First Monday in August (Saskatchewan Day)
10. **Yukon**: Third Monday in August (Discovery Day)

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
   - premier lundi d'août (Fête de la Colombie-Britannique)
   - euxième lundi de février (Jour de Famille de la Colombe –Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
   - 17 mars (Fête de la Saint-Patrick)
   - 23 avril (Fête de la Saint-Georges)
   - 24 juin (Journée de la Découverte)
   - 12 juillet (Jour des Orangistes)
   - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
   - troisième lundi de février (Jour de la Famille de l'Ontario)
   - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

Jours de fermeture des bureaux de l'OPIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^MC, par Xpresspost^MC ou par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of $125 may be required in certain cases.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 $ peut être exigé dans certains cas.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of September 19, 2017 contains applications open to public inspection from September 3, 2017 to September 9, 2017.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 19 septembre 2017 contient les demandes disponibles au public pour consultation pour la période du 3 septembre 2017 au 9 septembre 2017.

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[54] **ANALYSEURS CLINIQUES RMN, ET PROCEDES, SYSTEMES, MODULES ET PRODUITS PROGRAMMES INFORMATIQUES ASSOCIES, UTILISES POUR L'EVALUATION CLINIQUE D'ECHANTILLONS BIOLOGIQUES**
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[25] EN
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[54] **RECEPTEURS MUTANTS ET LEUR UTILISATION DANS UN SYSTEME D'EXPRESSION DE GENE INDUCTIBLE BASE SUR UN RECEPTEUR NUCLEAIRE**
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[54] **OLIGONUCLEOTIDES COMPRENANT DES PAIRES DE SIGNALISATION ET DES NUCLEOTIDES HYDROPHOBES, BALISES SANS TIGE, POUR LA DETECTION D'ACIDES NUCLEIQUES, DE L'ETAT DE METHYLATION ET DE MUTANTS D'ACIDES NUCLEIQUES**
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[54] **MONITEUR CARDIAQUE NON INVASIF ET PROCEDES D'UTILISATION DE DONNEES CARDIAQUES ENREGISTREES EN CONTINU**
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[54] **PROCEDE ET SYSTEME DE TRANSFORMATION D'OBJETS DE DONNEES LOGIQUES A DES FINS DE STOCKAGE**
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[54] **PREFORME A DEUX COUCHES D'UN SEUL TENANT, PROCEDE ET APPAREIL POUR LA PRODUCTION DE CELLE-CI, PROCEDE POUR LA PRODUCTION D'UNE CAISSE-OUTRE MOULEE PAR SOUFFLAGE, ET CAISSE-OUTRE AINSI OBTENUE**
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[54] **INTEGRALLY BLOW-MOULDED BAG-IN-CONTAINER HAVING AN INNER LAYER AND THE OUTER LAYER MADE OF THE SAME MATERIAL AND PREFORM FOR MAKING IT**
[54] **CAISSE-OUTRE MOULEE PAR SOUFFLAGE D'UN SEUL TENANT PRESENTANT UNE COUCHE INTERNE ET UNE COUCHE EXTERNE FABRIQUEES DANS LE MEME MATERIAU ET PREFORME PERMETTANT DE LA FABRIQUER**
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[72] PEIRSMAN, DANIEL, BE
[72] VERPOORTEN, RUDI, BE
[73] INBEV S.A., BE
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[54] **HIGH FIBER SHELF STABLE TOASTER PASTRIES AND METHODS OF PREPARATION**
[54] **PATISSERIES DE LONGUE CONSERVATION A HAUTE TENEUR EN FIBRES POUR GRILLE-PAIN ET METHODES DE PREPARATION**
[72] ALLEN, PATRICK E., US
[72] FUNK, DEAN F., US
[72] KIRIHARA, TERRY T., US
[73] GENERAL MILLS IP HOLDINGS II, LLC, US
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[54] **REMOTE BALLAST ASSEMBLY**
[54] **ENSEMBLE DE BALLAST DE STABILISATION SEPARE**
[72] BRONDT, GARY W., US
[72] BROWN, RAYMOND A., US
[73] HUBBELL INCORPORATED, US
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[54] **APPARATUS AND METHOD FOR ROBOTIC DISPLAY CHOREOGRAPHY**
[54] **APPAREILLAGE ET METHODE APPLICABLES A LA CHOREGRAPHIE DE L'AFFICHAGE ROBOTISE**
[72] SUTHERLAND, STEPHEN, CA
[72] WICK, DALE, CA
[73] CROSSWING INC., CA
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[54] **THERMALLY ENHANCED POWER CABLE REJUVENATION**
[54] **RAJEUNUISSEMENT DE CABLES ELECTRIQUES A CARACTERISTIQUES THERMIQUES AMELIOREES**
[72] BERTINI, GLEN J., US
[72] KEITGES, NORMAN E., US
[73] NOVINIUM, INC., US
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[54] **FUEL MANIFOLD FOR GAS TURBINE ENGINE**
[54] **RAMPE DE DISTRIBUTION CARBURANT POUR TURBINE A GAZ**
[72] MORENKO, OLEG, CA
[72] DAVIS, ROBERT RICHARD, CA
[73] PRATT & WHITNEY CANADA CORP., CA
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[54] **METHOD AND APPARATUS FOR DECODING A SIGNAL SENT FROM A MEASUREMENT-WHILE-DRILLING TOOL**
[54] **PROCEDE ET APPAREIL SERVANT A DECODER UN SIGNAL TRANSMIS PAR MESURE PENDANT L'UTILISATION D'UN OUTIL DE FORAGE**
[72] KHROMOV, SERGEY, CA
[72] EDDY, AARON, CA
[72] RODDA, ROBERT, CA
[73] PASON SYSTEMS CORP., CA
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[87] (2689756)
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[54] **SYSTEME DE SECURITE PAR PLAQUES GOUSSET DE FERME ET DISPOSITIFS DE FIXATION**
[72] CROOKSTON, LAWRENCE A., US
[73] CROOKSTON, LAWRENCE A., US
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[72] SPENCER, JONATHAN ALLAN, GB
[72] KENDRICK, GILES DAVID, GB
[72] MILLINGTON, JONATHAN PAUL, GB
[72] STEPHENSON, IAN DAVID, GB
[72] ENTWISLE, PHILIP JAMES, GB
[73] QINETIQ LIMITED, GB
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[54] **EXTENDABLE BIN SWEEP**
[54] **VIS BALAYEUSE EXTENSIBLE**
[72] HOOGESTRAAT, ALAN GLENN, US
[72] HOLLANDER, LYLE KEITH, US
[73] SUDENGA INDUSTRIES, INC., US
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[54] **SECURE MOBILE PAYMENT SYSTEM**
[54] **SYSTEME DE PAIEMENT MOBILE SECURISE**
[72] CARLSON, MARK, US
[73] VISA INTERNATIONAL SERVICE ASSOCIATION, US
[85] 2009-12-22
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[54] **SOFT SHAPED TORTILLAS**
[54] **TORTILLAS A COQUILLE MOLLE**
[72] GRIEBEL, JONATHAN M., US
[72] SOMMER, VINCENT PAUL, US
[72] HAJOVY, IVAN, US
[73] GENERAL MILLS, INC., US
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[54] **APPARATUS AND METHODS FOR THE MEASUREMENT OF CARDIAC OUTPUT**
[54] **APPAREIL ET PROCEDES POUR LA MESURE DU DEBIT CARDIAQUE**
[72] LOWERY, GUY RUSSELL, US
[72] GRANDE, WILLIAM J., US
[73] MICROPEN TECHNOLOGIES CORPORATION, US
[73] ECOM MED., INC., US
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[25] EN
[54] DEFLECTOR FOR A GAS TURBINE STRUT AND VANE ASSEMBLY
[54] DEFLECTEUR POUR ENSEMBLE PYLONE-AUBES D'UNE TURBINE A GAZ
[72] DUROCHER, ERIC, CA
[72] SLEIMAN, MOHAMAD, CA
[72] TSIFOURDARIS, PANAGIOTA, CA
[73] PRATT & WHITNEY CANADA CORP., CA
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[54] TRADUCTION D'ADRESSE DYNAMIQUE AVEC GESTION DE TRAME
[72] GREINER, DAN, US
[72] GAINEY, JR., CHARLES, US
[72] HELLER, LISA, US
[72] OSISEK, DAMIAN, US
[72] SLEGEL, TIMOTHY, US
[72] SITTMANN, III, GUSTAV, US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
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[54] OLIGOFLUORINATED CROSS-LINKED POLYMERS AND USES THEREOF
[54] POLYMERES RETICULES OLIGOFLUORES ET LEURS UTILISATIONS
[72] ESFAND, ROSEITA, CA
[72] SANTERRE, J. PAUL, CA
[72] ERNSTING, MARK J., CA
[72] PHAM, H. HUNG, CA
[72] WANG, VIVIAN Z., CA
[72] YANG, MEILIN, CA
[73] INTERFACE BIOLOGICS INC., CA
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[54] INTERFACE DE CAPTEUR DE FOND DE TROU
[72] SAEED, GOHAR, US
[73] SCHLUMBERGER CANADA LIMITED, CA
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[54] PERCUSSION ASSISTED ROTARY EARTH BIT AND METHOD OF OPERATING THE SAME
[54] FOREUSE ROTATIVE A PERCUSSION ET PROCEDE DE FONCTIONNEMENT DE CELLE-CI
[72] RAINEY, ALLAN W., US
[72] LANGFORD, JAMES W., US
[73] ATLAS COPCO SECOROC LLC, US
[85] 2010-04-01
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[54] PROCEDES D'INHIBITION DE LA VIRULENCE BACTERIENNE ET COMPOSES S'Y RAPPORTANT
[72] SPERANDIO, VANESSA, US
[72] FALCK, JOHN R., US
[72] STEWART, DONALD R., US
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[73] OMM SCIENTIFIC, INC., US
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[54] **ANTIBODY-MEDIATED DISRUPTION OF QUORUM SENSING IN BACTERIA**
[54] **DISRUPTION, MEDIEE PAR DES ANTICORPS, DE LA DETECTION DU QUORUM CHEZ DES BACTERIES**
[72] JANDA, KIM D., US
[72] KAUFMANN, GUNNAR F., US
[72] PARK, JUNGUK, US
[73] THE SCRIPPS RESEARCH INSTITUTE, US
[85] 2010-04-20
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[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS FOR MODULATING A KINASE CASCADE AND METHODS OF USE THEREOF**
[54] **COMPOSITIONS PHARMACEUTIQUES POUR LA MODULATION D'UNE CASCADE DE KINASES ET LEURS PROCEDES D'UTILISATION**
[72] HANGAUER, DAVID G., JR., US
[73] ATHENEX, INC., US
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[54] **PROCESSING OF DATA TO MONITOR INPUT/OUTPUT OPERATIONS**
[54] **TRAITEMENT DE DONNEES POUR SUIVRE DES OPERATIONS D'ENTREE-SORTIE**
[72] CASPER, DANIEL, US
[72] FLANAGAN, JOHN, US
[72] HUANG, CATHERINE, US
[72] KALOS, MATTHEW, US
[72] RICCI, LOUIS, US
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[54] **SUCTION DEVICE WITH AN ELECTROSTATIC FLEXIBLE STICKING SHEET**
[54] **DISPOSITIF D'ASPIRATION AVEC FEUILLE SOUPLE COLLANTE**
[72] LU, CHUN CHIEH, TW
[73] LU, CHUN CHIEH, TW
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[87] (2704472)
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[25] EN
[54] **FASTENER WITH ADHESIVE BASE AND TWIST-TIE AND METHOD OF MAKING THE FASTENER AND OF USING THE FASTENER**
[54] **ATTACHE AVEC BASE ADHESIVE ET LIGATURE, ET METHODE DE REALISATION DE L'ATTACHE ET DE SON UTILISATION**
[72] BUSELLI, OSCAR LAWRENCE, US
[73] BUSELLI, OSCAR LAWRENCE, US
[86] (2705429)
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[54] **COMPACT POWER TONG**
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[72] POHNERT, VLADIMIR G., CA
[73] UNIVERSE MACHINE CORPORATION, CA
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[54] **EXTRACTEUR D'ANCRAGE**
[72] RIVARD, GILLES, CA
[73] RIVARD, GILLES, CA
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[25] EN
[54] **COUPLING BETWEEN FREE SPACE AND OPTICAL WAVEGUIDE USING ETCHED COUPLING SURFACES**
[54] **COUPLAGE ENTRE UN ESPACE LIBRE ET UN GUIDE D'ONDES OPTIQUES UTILISANT DES SURFACES DE COUPLAGE GRAVEES**
[72] WEBSTER, MARK, US
[72] PATEL, VIPULKUMAR, US
[72] NADEAU, MARY, US
[72] GOTHOSKAR, PRAKASH, US
[72] PIEDE, DAVID, US
[73] CISCO TECHNOLOGY, INC., US
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[30] US (61/007,394) 2007-12-12
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[51] **Int.Cl. E04C 5/07 (2006.01) B32B 13/04 (2006.01) E04F 15/00 (2006.01)**
[25] EN
[54] **STRUCTURAL FIBER CEMENT BUILDING MATERIALS**
[54] **MATERIAUX DE CONSTRUCTION DE CIMENT DE FIBRES STRUCTURAL**
[72] COTTIER, JOHN SYDNEY, AU
[72] COWEN, DECEMBER ROSE, US
[72] DUNOYER, REMI, AU
[72] DUSELIS, STEVEN, AU
[72] GLEESON, JAMES ALBERT, AU
[72] KUMAR, AMITABHA, US
[73] JAMES HARDIE TECHNOLOGY LIMITED, IE
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[54] **SILENCING OF POLO-LIKE KINASE EXPRESSION USING INTERFERING RNA**
[54] **SILENCAGE DE L'EXPRESSION DE LA POLO-LIKE KINASE A L'AIDE D'UN ARN INTERFERENT**
[72] JUDGE, ADAM, CA
[72] MACLACHLAN, IAN, CA
[73] PROTIVA BIOTHERAPEUTICS, INC., CA
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[86] 2008-12-23 (PCT/CA2008/002285)
[87] (WO2009/082817)
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[54] **METHOD FOR RECOVERING FILTER CAKE AND DEVICE FOR CAKE FORMING AND WASHING FILTRATION**
[54] **METHODE DE RECUPERATION DE GATEAU FILTRANT, ET DISPOSITIF DE FORMATION DE GATEAU ET DE NETTOYAGE PAR LAVAGE DE LA FILTRATION**
[72] WILEY, NATHAN, US
[73] CORN PRODUCTS DEVELOPMENT, INC., US
[86] (2711336)
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[25] EN
[54] **MEASUREMENT BANDWIDTH CONFIGURATION METHOD**
[54] **PROCEDE DE CONFIGURATION DE LARGEUR DE BANDE DE MESURE**
[72] KAZMI, MUHAMMAD, SE
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[85] 2010-07-06
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[25] EN
[54] **QUICK COUPLING WITH SAFETY CATCH DEVICE**
[54] **RACCORD RAPIDE AVEC CRAN DE SURETE**
[72] TIVELLI, SERGIO, IT
[73] STUCCHI S.P.A., IT
[86] (2712008)
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[25] EN
[54] **SECURED PRESENTATION LAYER VIRTUALIZATION FOR WIRELESS HANDHELD COMMUNICATION DEVICE HAVING ENDPOINT INDEPENDENCE**
[54] **VIRTUALISATION DE COUCHE DE PRESENTATION SECURISEE POUR DISPOSITIF DE COMMUNICATION PORTABLE SANS FIL AUX EXTREMITES INDEPENDANTES**
[72] ANDRESS, MARK W., CA
[72] DIETRICH, TREVOR, CA
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[72] NOBLE, DUNCAN, CA
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[54] **BLOQUEUR DE CANAUX SODIQUES TRIAZOIQUES ET DIAZOIQUES CYCLIQUES**
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[72] HARBIGE, LAURENCE, GB
[72] RIDDALL, DIETER, GB
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[54] **VTT EQUIPE D'UN MECANISME DE POIGNEE POUR UN PASSAGER**
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[72] SUNSDAHL, ROY A., US
[72] TAYLOR, SCOTT D., US
[73] POLARIS INDUSTRIES INC., US
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[54] **SYSTEME DE SECURITE POUR DESASSEMBLAGE DE ROUE**
[72] MARSALY, OLIVIER, FR
[72] ROGERS, LARRY K., US
[72] HOBE, PETER K., US
[73] HUTCHINSON INDUSTRIES, INC., US
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[54] **BLADE OUTER AIR SEAL SUPPORT**
[54] **SUPPORT DE JOINT EXTERIEUR D'AUBE ETANCHE A L'AIR**
[72] DI PAOLA, FRANCO, CA
[72] GATES, ROGER, US
[73] PRATT & WHITNEY CANADA CORP., CA
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[54] **BLADE OUTER AIR SEAL COOLING**
[54] **REFROIDISSEMENT DE JOINT EXTERIEUR D'AUBE ETANCHE A L'AIR**
[72] DI PAOLA, FRANCO, CA
[72] JAIN, KAPILA, CA
[73] PRATT & WHITNEY CANADA CORP., CA
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[54] **ENSEMBLE AIGUILLE DE SURETE**
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[72] ZAIKEN, ELIOT, US
[72] RUAN, TIEMING, US
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[54] **IMPLANTS LACRYMAUX ET LEUR UTILISATION POUR LE TRAITEMENT DE TROUBLES DE L'OEIL**
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[72] SHIMIZU, ROBERT W., US
[73] MATI THERAPEUTICS INC., US
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[54] **ANNEAU D'AUBAGE FIXE STATIQUE ASSEMBLE**
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[73] PRATT & WHITNEY CANADA CORP., CA
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[54] **TUBE A HUILE AVEC BOUCLIER THERMIQUE INTEGRE**
[72] DUROCHER, ERIC, CA
[72] WATSON, JOHN, CA
[73] PRATT & WHITNEY CANADA CORP., CA
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[54] **METHOD FOR CENTERING ENGINE STRUCTURES**
[54] **METHODE DE CENTRAGE DES STRUCTURES DE MOTEURS**
[72] DUROCHER, ERIC, CA
[72] PIETROBON, JOHN, CA
[72] GRIVAS, NICOLAS, CA
[73] PRATT & WHITNEY CANADA CORP., CA
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[54] **COMPOSITIONS COMPRENANT UN INHIBITEUR DE NFKB ET UN PROMOTEUR DU COLLAGENE NON RETINOIDE**
[72] KAUR, SIMARNA, US
[72] ODDOS, THIERRY, FR
[72] SOUTHALL, MICHAEL, US
[72] TUCKER-SAMARAS, SAMANTHA, US
[73] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US
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[72] COTE, BRADLEY R., CA
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[54] **SERVICE DE COMMUNICATION MULTILINGUE EN TEMPS REEL DEPENDANT D'UN DOMAINE FONDE SUR UNE ARCHITECTURE OUVERTE**
[72] CASKEY, SASHA PORTO, US
[72] JIANG, DANNING, CN
[72] LIU, WEI, CN
[72] LUBENSKY, DAVID, US
[72] QIN,YONG, CN
[72] SAKRAJDA, ANDRZEJ, US
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[25] EN
[54] **A CAP AND NOZZLE ASSEMBLY FOR TUBES, CONTAINERS AND PACKS CLOSED BY THE ASSEMBLY**
[54] **ENSEMBLE CAPUCHON ET BUSE POUR TUBES, CONTENANTS ET EMBALLAGES FERMES PAR L'ENSEMBLE**
[72] RUSHE, PETER C., DE
[72] KEALY, PATRICK, IE
[73] HENKEL IP & HOLDING GMBH, DE
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[54] **DISPOSITIFS DE FILTRATION D'AIR**
[72] LEGARE, PIERRE, CA
[72] DWYER, GARY E., CA
[72] MURPHY, ANDREW, GB
[72] SMITH, SIMON J., CA
[73] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **MANCHON DE RACCORD ANTIVIBRATIONS**
[72] GALLUSSER, DAVID, US
[72] BALDWIN, BRENDON A., US
[73] AMPHENOL CORPORATION, US
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[54] **EVENT DE FAITAGE AVEC VENTILATION ALIMENTEE PAR AIR FORCE**
[72] RAILKAR, SUDHIR, US
[72] ZARATE, WALTER, US
[72] CHICH, ADEM, US
[73] BUILDING MATERIALS INVESTMENT CORPORATION, US
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[54] **MONOMERES ET OLIGOMERES DE BETA-AMYLOIDE STABLES**
[72] HAERD, TORLEIF, SE
[72] SANDBERG, ANDERS, SE
[73] ALZINOVA AB, SE
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[54] **DISPOSITIF D'ARROSAGE**
[72] OATES, JAMES EDGAR, AU
[73] MOISTURE MATIC PTY LTD, AU
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR MAKING ANTIBODIES AND ANTIBODY DERIVATIVES WITH REDUCED CORE FUCOSYLATION**
[54] **PROCEDE ET COMPOSITIONS POUR PREPARER DES ANTICORPS ET DES DERIVES D'ANTICORPS AVEC UNE FUCOSYLATION CENTRALE REDUITE**
[72] ALLEY, STEPHEN C., US
[72] JEFFREY, SCOTT C., US
[72] SUSSMAN, DJANGO, US
[72] BENJAMIN, DENNIS R., US
[72] TOKI, BRIAN, US
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[54] **COMPOSITIONS LUBRIFIANTES RENFERMANT DES ANHYDRIDES ORGANIQUES**
[72] ANDREWS, MARK DAVID, GB
[73] INFINEUM INTERNATIONAL LIMITED, GB
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[54] **ENHANCED UPGRADE PATH**
[54] **CHEMIN DE MISE A JOUR AMELIORE**
[72] CHALLA, PRABHAKAR, US
[72] LI, JINGYING, US
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
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[54] **DISPOSITIF DE VENTILATION A FLUX D'AIR ALTERNES**
[72] STENFORS, ERIK, SE
[73] TEMPEFF NORTH AMERICA LTD., CA
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[54] **6-(C2-6ALKYLSELENO)PURINES AND METHODS FOR TREATING NEURAL MEASLES VIRAL INFECTION THEREWITH**
[54] **6-(C2-6ALKYLSELENO)PURINES ET METHODES DE TRAITEMENT OU DE PREVENTION DES INFECTIONS NEURONALES DUES AU VIRUS DE LA ROUGEOLE**
[72] TUCKER, WILLIAM G., CA
[73] TUCKER, WILLIAM G., CA
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[54] **ELECTRIC POWER METERING DEVICE AND METHOD**
[54] **COMPTEUR D'ELECTRICITE ET PROCEDE CONNEXE**
[72] COUTELOU, OLIVIER, FR
[72] LEBEAU, BERNARD, FR
[72] PAUPERT, MARC, FR
[73] SCHNEIDER ELECTRIC INDUSTRIES SAS, FR
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[54] **SYSTEME ET PROCEDE DE DETECTION DE CHAUVE-SOURIS ET DE LEUR IMPACT SUR LES INSTALLATIONS EOLIENNES**
[72] ADLER, MICHAEL J., US
[72] NEWMAN, CHRISTIAN M., US
[72] SUTTER, CHRISTINE L., US
[72] EBELING, CARLA, US
[72] RIBE, CHRIS, US
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[54] **SYSTEME DE RADIOTHERAPIE**
[72] CARLONE, MARCO, CA
[72] FALLONE, GINO B., CA
[72] MURRAY, BRAD, CA
[73] ALBERTA HEALTH SERVICES, CA
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[54] **METHOD FOR THE FRACTIONATION OF KNOTWOOD EXTRACT AND USE OF A LIQUID-LIQUID EXTRACTION FOR PURIFICATION OF KNOTWOOD EXTRACT**
[54] **PROCEDE POUR LE FRACTIONNEMENT D'EXTRAIT DE BOIS NOUEUX ET UTILISATION D'UNE EXTRACTION LIQUIDE-LIQUIDE POUR LA PURIFICATION D'EXTRAIT DE BOIS NOUEUX**
[72] PIETARINEN, SUVI, FI
[72] HOTANEN, ULF, FI
[73] MONTISERA LTD, FI
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[54] **PIECE DE SERRAGE POUR LE MOUVEMENT EN VA-ET-VIENT D'INSTRUMENT CHIRUGICAL**
[72] ESTES, LARRY D., US
[73] MEDTRONIC XOMED, INC., US
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[54] **GESTURES ON A TOUCH-SENSITIVE DISPLAY**
[54] **METHODE DE COMMANDE GESTUELLE POUR UN AFFICHAGE TACTILE**
[72] LABERGE, JASON, US
[72] DHARWADA, PALLAVI, US
[73] HONEYWELL INTERNATIONAL INC., US
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[54] **PARTICLES CONTAINING AN OPIOID RECEPTOR ANTAGONIST AND METHODS OF USE**
[54] **PARTICULES CONTENANT UN ANTAGONISTE DE RECEPTEUR D'OPIOIDE ET PROCEDES D'UTILISATION CORRESPONDANTS**
[72] YUAN, CHUN-SU, US
[73] UNIVERSITY OF CHICAGO, US
[85] 2010-12-29
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[25] EN
[54] **TETRACYCLINE DERIVATIVES WITH REDUCED ANTIBIOTIC ACTIVITY AND NEUROPROTECTIVE BENEFITS**
[54] **DERIVES DE TETRACYCLINE PRESENTANT UNE ACTIVITE ANTIBIOTIQUE REDUITE ET DES BENEFICES NEUROPROTECTEURS**
[72] DUNCAN, IAIN W., US
[72] KESICKI, EDWARD A., US
[72] OSBORNE, CARL G., US
[72] SCHWIETERMAN, WILLIAM D., US
[72] JACOBSON, IRINA, US
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[54] **PROCEDE DE DECHIRAGE GUIDE D'UN LAMINE DE SACHET PERMETTANT L'ENLEVEMENT DU PRODUIT**
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[72] BOGUE, BEUFORD A., US
[72] HARIHARAN, MADHU, US
[72] EASTON, KURT, US
[72] CLEMENTE, THEODORE, JR., US
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[54] **SMALL BASE STATION APPARATUS, BASE STATION APPARATUS, MOBILE STATION APPARATUS, AND MOBILE COMMUNICATION SYSTEM**
[54] **PETIT DISPOSITIF DE STATION DE BASE, DISPOSITIF DE STATION DE BASE, DISPOSITIF DE STATION MOBILE, ET SYSTEME DE COMMUNICATION MOBILE**
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[72] TSUBOI, HIDEKAZU, JP
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[54] **SYSTEME DE DISTRIBUTION ET DE PARTAGE DE GAZ RESPIRATOIRE ET PROCEDE**
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[72] DOWHY, MARK S., US
[73] THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK, US
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[54] **STABLE CLEANSING COMPOSITIONS CONTAINING FATTY ACYL ISETHIONATE SURFACTANT PRODUCTS HAVING MORE THAN 10 WT.% OF FATTY ACID/FATTY SOAP CONTENT USING HIGH LEVEL OF POLYOL AND METHODS THEREOF**
[54] **COMPOSITIONS DE NETTOYAGE STABLES CONTENANT DES PRODUITS TENSIOACTIFS A BASE ISETHIONATE D'ACYLE GRAS PRESENTANT UNE TENEUR EN ACIDE GRAS/SAVON A BASE D'ACIDE GRAS SUPERIEURE A 10% EN POIDS A TAUX ELEVE DE POLYOL, ET LEURS PROCEDES**
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[73] UNILEVER PLC, GB
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[54] **ORGANIC / INORGANIC HYBRID CATALYTIC MATERIALS, THEIR PREPARATION, USE IN SELECTIVE PROCESSES AND REACTORS CONTAINING THEM**
[54] **MATERIAUX CATALYTIQUES HYBRIDES ORGANIQUES-INORGANIQUES ET LEURS METHODES DE PREPARATION, UTILISATION DANS CERTAINS PROCEDES SELECTIFS, ET REACTEURS LES CONTENANT**
[72] BARBARO, PIERLUIGI, IT
[72] BIANCHINI, CLAUDIO, IT
[72] LIGUORI, FRANCESCA, IT
[72] SAWA, HARUO, IT
[72] VIZZA, FRANCESCO, IT
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[54] **SYSTEME D'INTEGRATION DES SYSTEMES DE GESTION DE SERVICES**
[72] KASSEL, WILLIAM J., US
[72] HUDSON, ANDREW A., GB
[72] ELMETT, SARA J., GB
[72] PENVENNE, JUDITH C., US
[72] SULLIVAN, SANDRA S., US
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[54] **SYSTEME ET DISPOSITIFS DE RECUPERATION DE LA CHALEUR DES EAUX USEES**
[72] MACKENZIE, STEVEN KEITH, US
[73] MAC-DAN INNOVATIONS LLC, US
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[54] **PROCEDE DE SEPARATION DE PERTES DE PEINTURE A LA PULVERISATION ET FLUIDE DE SEPARATION ASSOCIE**
[72] DINGLER, GUNTHER, DE
[72] HIHN, ERWIN, DE
[72] SWOBODA, WERNER, DE
[72] SCHLIPF, MICHAEL, DE
[73] EISENMANN AG, DE
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[54] **VACCINS CONTENANT DES VARIANTS GENETIQUES DE PARVOVIRUS CANIN**
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[72] COOPER, EMILY, US
[73] THE BOARD OF REGENTS FOR OKLAHOMA STATE UNIVERSITY, US
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[54] **EQUIPEMENT AVEC FORCE ACTIVE DE L'AILE VERS LE BAS ET SEQUENCAGE DU LEVAGE DE L'AILE**
[72] GRAHAM, WILLIAM, DOUGLAS, US
[72] BARFELS, AARON, L., US
[73] DEERE & COMPANY, US
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[54] **REPRESENTATION GRAPHIQUE DE RELATIONS DE CONTENU SUR UNE SURFACE D'UN OBJET GRAPHIQUE**
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[73] WORD DIAMONDS LLC, US
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[54] **CUTLERY UTENSIL DISPENSER**
[54] **DISTRIBUTEUR D'USTENSILES DE COUTELLERIE**
[72] REINSEL, CHRISTOPHER M., US
[72] DURANT, BRIAN, US
[72] DRABANT, STEPHEN J., US
[72] STEIMER, THOMAS J., US
[73] DIXIE CONSUMER PRODUCTS LLC, US
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[54] **BREAST PUMP SYSTEM**
[54] **SYSTEME DE TIRE-LAIT**
[72] THILWIND, RACHEL E., NL
[72] VAN LIESHOUT, MARJOLEIN I., NL
[73] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL
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[72] PAZDERNIK, IRVAN L., US
[72] LENARZ, JEFFERY L., US
[72] THOEN, RANDY K., US
[72] ANDERSON, PAUL, US
[72] LARSON, MARK, US
[73] DOUGLAS MACHINE INC., US
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[54] **METHOD AND SYSTEM FOR TAGGING PACKETS ROUTED TO CUSTOMER PREMISES DEVICES VIA CLUSTERS OF DEDICATED CUSTOMER INTERFACES**
[54] **PROCEDE ET SYSTEME D'ETIQUETAGE DE PAQUETS ROUTES VERS DES DISPOSITIFS DE LOCAUX D'ABONNES PAR LE BIAIS D'ENSEMBLES D'INTERFACES CLIENT DEDIEES**
[72] ARIS, AZRIN, MY
[72] RAMLI, SITI SAWIAH, MY
[72] CHIA, CHING KING, MY
[72] AHSAN@MISKAM, NURUL SHUHADA, MY
[72] YUSOF, ROHAYU, MY
[72] YEAP, TET HIN, CA
[73] TELEKOM MALAYSIA BERHAD, MY
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[54] **DEVICE AND PROCESS FOR DISTRIBUTING A FLUID**
[54] **DISPOSITIF ET PROCEDE POUR LA DISTRIBUTION D'UN FLUIDE**
[72] CARTAGE, THIERRY, BE
[72] BODSON, OLIVIER JACQUES F.J.G., BE
[72] THIJSSEN, MARC, BE
[73] SOLVAY (SOCIETE ANONYME), BE
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[54] **METHODS AND DEVICES FOR THE INDIRECT DISPLACEMENT OF THE HYOID BONE FOR TREATING OBSTRUCTIVE SLEEP APNEA**
[54] **PROCEDES ET DISPOSITIFS DE DEPLACEMENT INDIRECT DE L'OS HYOIDE EN VUE DE TRAITER L'APNEE OBSTRUCTIVE DU SOMMEIL**
[72] ROUSSEAU, ROBERT A., US
[72] WEADOCK, KEVIN S., US
[73] ETHICON, INC., US
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[54] **METHODS AND DEVICES FOR MITIGATING ESD EVENTS**
[54] **PROCEDES ET DISPOSITIFS POUR ATTENUER DES EVENEMENTS DE DECHARGE ELECTROSTATIQUE**
[72] GUTHRIE, BRIAN, GB
[72] MACRAE, ALLAN, GB
[72] LAWRIE, KEITH, GB
[72] FAULKNER, ALLAN, GB
[72] LEE, CHIN WEE, SG
[72] TAN, JIA YIAN, US
[73] LIFESCAN SCOTLAND LIMITED, GB
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[54] **APPARATUS FOR DETERMINING AND/OR MONITORING A PROCESS VARIABLE OF A MEDIUM**
[54] **DISPOSITIF POUR LA DETERMINATION ET/OU LE CONTROLE D'UNE GRANDEUR DE PROCESSUS D'UN FLUIDE**
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[73] ENDRESS+HAUSER GMBH+CO.KG, DE
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[54] **SYSTEM FOR TRACKING VESSELS IN AUTOMATED LABORATORY ANALYZERS BY RADIO FREQUENCY IDENTIFICATION**
[54] **SYSTEME POUR LE SUIVI DE RECIPIENTS DANS DES ANALYSEURS DE LABORATOIRE AUTOMATISES PAR IDENTIFICATION PAR RADIOFREQUENCE**
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[73] ABBOTT LABORATORIES, US
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[54] **PANNEAU TACTILE OPTIQUE MULTIPOINT**
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[72] CHANG, DUCY, TW
[72] LEE, EDWARD, TW
[72] PARSONS, ROBERT DAVID, TW
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[54] **ELEMENT DE SECURITE AVEC CODAGE LISIBLE PAR MACHINE**
[72] SCHIFFMANN, PETER, DE
[72] OTTO, DANIELA, DE
[72] ZERBES, JUERGEN, DE
[72] REINER, HARALD, DE
[72] MAYER, KARLHEINZ, DE
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[72] GALLATIN, W. MICHAEL, US
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[72] GIESE, NEILL A., US
[73] GILEAD CALISTOGA LLC, US
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[54] **MATERIAU ABSORBANT COMPRENANT DES POLYSACCHARIDES, EN PARTICULIER DES ALKYLSULFONATES**
[72] LAW, STEPHEN, GB
[73] SPECIALITY FIBRES AND MATERIALS LIMITED, GB
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[54] **APPAREIL ET PROCEDE POUR COMMANDER UN DISPOSITIF DE DISQUE DUR ELECTRONIQUE (SSD)**
[72] BROWN, JOANNA KATHARINE, GB
[72] VENTURI, RONALD, GB
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
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[54] **REDUCED-PRESSURE WOUND TREATMENT SYSTEMS AND METHODS EMPLOYING MICROSTRAIN-INDUCING MANIFOLDS**
[54] **SYSTEMES DE TRAITEMENT DE PLAIES PAR PRESSION REDUITE ET METHODES UTILISANT DES DISTRIBUTEURS INDUISANT UNE MICRO-CONTRAINTE**
[72] ROBINSON, TIMOTHY MARK, GB
[72] LOCKE, CHRISTOPHER BRIAN, GB
[72] TOUT, AIDAN MARCUS, GB
[73] KCI LICENSING, INC., US
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[54] **PROCEDES DE MESURE DE CONCENTRATIONS DE BIOMOLECULES**
[72] WEST, TIM, US
[72] PAOLETTI, ANDREW COREY, US
[73] C2N DIAGNOSTICS, US
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[25] EN
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[54] **COMPOSITION LUBRIFIANTE CONTENANT UN COMPOSE ISSU D'UN ACIDE HYDROXYCARBOXYLIQUE**
[72] BARTLEY, STUART L., US
[72] BAKER, MARK R., US
[72] BASU, SHUBHAMITA, US
[73] THE LUBRIZOL CORPORATION, US
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[25] EN
[54] **METHOD AND APPARATUS FOR LIMITING GROWTH OF EYE LENGTH**
[54] **PROCEDE ET APPAREIL POUR LIMITER LA CROISSANCE DE LA LONGUEUR DE L'OEIL**
[72] NEITZ, JAY, US
[72] NEITZ, MAUREEN, US
[73] THE MEDICAL COLLEGE OF WISCONSIN, INC., US
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[25] EN
[54] **BIOFILM-REMOVING ANTIMICROBIAL COMPOSITIONS AND USES THEREOF**
[54] **COMPOSITIONS ANTIMICROBIENNES ELIMINANT LES BIOPELLICULES ET LEURS APPLICATIONS**
[72] GAWANDE, PURUSHOTTAM, CA
[72] MADHYASTHA, SRINIVASA, CA
[72] LOVETRI, KAREN, CA
[72] YAKANDAWALA, NANDADEVA, CA
[72] FROEHLICH, GORD, CA
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[72] KLEINSCHMIT, NICHOLAS N., US
[73] HEXAGON TECHNOLOGY AS, NO
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[54] **ENFONCE-PIEU POUR CLOTURES**
[72] O'TOOLE, LAWRENCE, AU
[73] ONESTEEL WIRE PTY LIMITED, AU
[85] 2011-08-09
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[54] **CLE DYNAMOMETRIQUE AVEC ELIMINATION DE « ZONE MORTE » ET SYSTEME AMELIORE DE SURVEILLANCE DE COUPLE**
[72] CASTLE, GEORGE L., US
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[72] FERRAZZINI, AXEL, BE
[72] PARRY, THOMAS OWEN, CA
[72] CARTER, JASON LEE, US
[72] CLARKE, DAVID, US
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[72] KAFLE, PADAM, US
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[72] IZAWA, HIKARU, JP
[72] SUZUKI, YASUMASA, JP
[72] TAKASHIMA, NOBUO, JP
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[72] WILLIAMS, DAVID MICHAEL, GB
[72] SAUNDERS, ROBERT ALUN, GB
[72] EVANS, GARETH JAMES STREET, GB
[73] NEEM BIOTECH LIMITED, GB
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[72] GAUKER, ANDREW, US
[72] KAMERY, CHRISTOPHER J., US
[72] LUBIC, MARKO KONSTANTIN, US
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[54] **COMPOSITION DYNAMIQUE D'APPLICATIONS DE TRAITEMENT DE FLUX DE DONNEES**
[72] AMINI, LISA, US
[72] ANDRADE, HENRIQUE, US
[72] GEDIK, BUGRA, US
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[54] **PROCEDE D'OBTENTION D'UNE PREPARATION DE BETA-AMYLASES A PARTIR DES FRACTIONS SOLUBLES DE PLANTES AMIDONNIERES**
[72] COURBOIS, VINCENT, FR
[72] DUFLOT, PIERRICK, FR
[72] PASSE, DAMIEN, FR
[73] ROQUETTE FRERES, FR
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[54] **PROCEDE INDICATEUR DE QUALITE DE CANAL AMELIORE**
[72] NG, BOON LOONG, AU
[73] LENOVO INNOVATIONS LIMITED (HONG KONG), HK
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[54] **TENSIOACTIFS DANS DES FORMULATIONS AGROCHIMIQUES**
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[72] LINDNER, GREGORY JAMES, US
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[73] CRODA, INC., US
[73] CRODA INTERNATIONAL PLC, GB
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[54] **DISPOSITIF ELECTRONIQUE PORTABLE COMPRENANT UN ECRAN FLEXIBLE**
[72] MA, MING-LUN DAVE, CA
[73] BLACKBERRY LIMITED, CA
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[54] **COMPOSITIONS HERBICIDES DE HAUTE RESISTANCE DE GLYPHOSATE ET DE SELS 2,4-D**
[72] LI, MEI, US
[72] TANK, HOLGER, US
[72] LIU, LEI, US
[72] QIN, KUIDE, US
[72] WILSON, STEPHEN L., US
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[54] **PROCEDE ET COMPOSITION POUR UNE RECUPERATION AMELIOREE D'HYDROCARBURES A PARTIR D'UNE FORMATION A HAUTE TEMPERATURE, A TRES HAUTE SALINITE**
[72] BARNES, JULIAN RICHARD, NL
[72] RANEY, KIRK HERBERT, US
[72] SEMPLE, THOMAS CARL, US
[72] SHPAKOFF, PAUL GREGORY, US
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[54] **COMPOSITIONS MICROENCAPSULEES ET PROCEDES DE MINERALISATION TISSULAIRE**
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[72] GROSS, STEPHEN M., US
[72] MCHALE, WILLIAM A., US
[73] PREMIER DENTAL PRODUCTS COMPANY, US
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[54] **AZETIDINYL DIAMIDES SERVANT D'INHIBITEURS DE LA MONOACYLGLYCEROL LIPASE**
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[72] CHEVALIER, KRISTEN M., US
[72] CONNOLLY, PETER J., US
[72] FLORES, CHRISTOPHER M., US
[72] LIN, SHU-CHEN, US
[72] LIU, LI, US
[72] MABUS, JOHN, US
[72] MACIELAG, MARK J., US
[72] MCDONNELL, MARK E., US
[72] PITIS, PHILIP M., US
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[54] **DISPOSITIF DE LEVAGE**
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[73] BELRON HUNGARY KFT - ZUG BRANCH, CH
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[73] TETRA LAVAL HOLDINGS & FINANCE S.A., CH
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[54] **DISPOSITIF, SYSTEME ET PROCEDE D'ELIMINATION DE CHALEUR A PARTIR DE CELLULES RICHES EN LIPIDE SOUS-CUTANEES**
[72] BAKER, MARK, US
[72] COAKLEY, JOSEPH, US
[72] MARTENS, PAUL WILLIAM, US
[72] OLLERDESSEN, ALBERT L., US
[72] PENNYBACKER, WILLIAM PATRICK, US
[72] ROSEN, JESSE NICASIO, US
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[54] **DERIVES DE 3-(1,2,3-TRIAZOL-4-YL)-PYRROLO[2,3-B]PYRIDINE**
[72] DORSCH, DIETER, DE
[72] WUCHERER-PLIETKER, MARGARITA, DE
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[54] **DISPOSITIF MEDICAL A AUTO-AJUSTEMENT**
[72] BLOM, ERIC D., US
[73] HANSA MEDICAL PRODUCTS, INC., US
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[72] TAO, ZHU, CN
[72] SCHELLINGERHOUT, PIETER, NL
[72] ZHANG, YUMING, CN
[72] MA, JIANGBO, CN
[73] QUAKER CHEMICAL CORPORATION, US
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[72] PODHAJSKY, RONALD J., US
[73] COVIDIEN LP, US
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[54] **COMPOSITIONS DE FRIGORIGENES HYDROFLUOROCARBONES POUR DES CHAUFFE-EAU A POMPE A CHALEUR**
[72] YANA MOTTA, SAMUEL F., US
[72] CHIN, LAWRENCE, CN
[72] LU, ZHILI, CN
[72] SPATZ, MARK W., US
[72] CAO, MAGGIE, CN
[73] HONEYWELL INTERNATIONAL INC., US
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[54] **IMIDES AND BIS-AMIDES AS FRICTION MODIFIERS IN LUBRICANTS**
[54] **IMIDES ET BIS-AMIDES EN TANT QUE MODIFICATEURS DE FROTTEMENT DANS DES LUBRIFIANTS**
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[73] THE LUBRIZOL CORPORATION, US
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[54] **FINITION A HAUT RENDEMENT DE COMPOSANTS METALLIQUES**
[72] SROKA, GARY, US
[72] EL-SAEED, OMER, US
[72] REEVES, FRANK, US
[73] REM TECHNOLOGIES, INC., US
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[72] HARRISON, BLAIR A., CA
[72] ALTMAN, ELEONORA, CA
[72] CHANDAN, VANDANA, CA
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[54] **MATIERE HYDROPHOBE A FAIBLE DENSITE ET SON PROCEDE DE PRODUCTION**
[72] GAWRYLA, MATTHEW D., US
[72] SCHIRALDI, DAVID A., US
[73] CASE WESTERN RESERVE UNIVERSITY, US
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[54] **SELECTING A QUALITY OF SERVICE CLASS IDENTIFIER FOR A BEARER**
[54] **SELECTION DE QUALITE DE SERVICE DE PORTEUSE**
[72] SONG, OSOK, US
[72] SUBRAMANIAN, RAMACHANDRAN, US
[73] QUALCOMM INCORPORATED, US
[85] 2011-12-07
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[54] **USE OF DICAMBA/STROBILURIN COMBINATIONS FOR INCREASING THE HEALTH OF A PLANT FOR INCREASED PLANT YIELD**
[54] **UTILISATION DE COMBINAISONS DE DICAMBA/STROBILURINE DESTINEES A AUGMENTER LA SANTE D'UN VEGETAL EN VUE DE RENDEMENT ACCRU**
[72] GEWEHR, MARKUS, DE
[72] GLADWIN, ROBERT JOHN, GB
[72] BRAHM, LUTZ, DE
[72] HADEN, EGON, DE
[72] TAVARES-RODRIGUES, MARCO-ANTONIO, BR
[72] PEOPLES, SCOTT, US
[72] SEBASTIAN, DENEEN B., US
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[54] **CONTROL METHOD AND APPARATUS FOR A DUAL-CHANNEL WEIGHTED LPOS COMBINING SCHEME**
[54] **PROCEDE DE COMMANDE ET APPAREIL POUR UN SCHEMA DE COMBINAISON LPOS PONDERE A DOUBLE CANAL**
[72] JELITTO, JENS, CH
[72] CHERUBINI, GIOVANNI, CH
[72] HUTCHINS, ROBERT ALLEN, US
[72] SANDBERG, MELANIE JEAN, US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
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[54] **LINER-FREE LABEL AND SYSTEMS**
[54] **ETIQUETTE SANS REVETEMENT ET SYSTEMES**
[72] WOODS, MICHAEL CLARKE, US
[72] LUX, BENJAMIN DAVID, US
[72] CHAN, RYAN LEI HIN, US
[72] ZLOTOFF, BENJAMIN DAVID, US
[72] MILLER, OWEN FREDERICK, US
[72] WINOGRAD, MAX BENJAMIN, US
[72] CHEASTY, JOHN DYLAN, US
[73] NULABEL TECHNOLOGIES, INC., US
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[54] **VESSEL AND METHOD FOR MAKING THE SAME**
[54] **RECIPIENT ET SON PROCEDE DE FABRICATION**
[72] HERMAN, PETER, US
[73] COMPLEAT LLC, US
[85] 2011-12-09
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[51] **Int.Cl. B65D 85/804 (2006.01) A47J 31/36 (2006.01)**
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[54] **CAPSULE, SYSTEM AND METHOD FOR THE PREPARATION OF A BEVERAGE AND A METHOD FOR MANUFACTURING SUCH A CAPSULE**
[54] **CAPSULE, SYSTEME ET PROCEDE POUR LA PREPARATION D'UNE BOISSON ET PROCEDE DE FABRICATION D'UNE TELLE CAPSULE**
[72] KAMERBEEK, RALF, NL
[72] VAN BERGEN, CORNELIS, NL
[72] POST VAN LOON, ANGENITA DOROTHEA, NL
[72] KOELING, HENDRIK CORNELIS, NL
[73] KONINKLIJKE DOUWE EGBERTS B.V., NL
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[54] **INFERRING USER-SPECIFIC LOCATION SEMANTICS FROM USER DATA**
[54] **INFERENCE DE SEMANTIQUES DE LIEUX SPECIFIQUE A UN UTILISATEUR A PARTIR DE DONNEES UTILISATEUR**
[72] LIN, JYH-HAN, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2011-12-21
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[54] **AN EEG MONITORING APPARATUS AND METHOD FOR PRESENTING MESSAGES THEREIN**
[54] **UN APPAREIL DE SURVEILLANCE D'EEG ET METHODE DE PRESENTATION DES IMAGES SUR LEDIT APPAREIL**
[72] KIDMOSE, PREBEN, DK
[72] WESTERMANN, SOREN ERIK, DK
[73] T&W ENGINEERING A/S, DK
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[25] EN
[54] **POROUS CARBON-CONTAINING COMPOUNDS AS WATER CARRIERS AND CELL SIZE CONTROLLING AGENTS FOR POLYMERIC FOAMS**
[54] **COMPOSES POREUX CONTENANT DU CARBONE EN TANT QUE TRANSPORTEURS D'EAU ET AGENTS DE CONTROLE DE DIMENSION DES ALVEOLES POUR MOUSSES POLYMERIQUES**
[72] ANNAN, NIKOI, US
[72] LOH, ROLAND, US
[72] COCHRAN, REBECCA, US
[72] DELAVIZ, YADOLLAH, US
[72] BRAMMER, THOMAS, US
[73] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
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[72] PROVOST, CHRISTIAN, FR
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[54] **LID FOR CONTAINERS OF SUBSTANCES AND CONTAINER OF SUBSTANCES THUS EQUIPPED**
[54] **COUVERCLE POUR RECEPTACLES DE SUBSTANCES ET RECEPTACLE POUR SUBSTANCES AINSI EQUIPE**
[72] CONSONNI, FABRIZIO, IT
[73] INTERNATIONAL PATENTS AND BRANDS CORPORATION, PA
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[54] **CYLINDRE DE FERMETURE PRESENTANT UNE CLE ADAPTEE**
[72] BAUMANN, ANDREAS, DE
[73] C. ED. SCHULTE GESELLSCHAFT MIT BESCHRANKTER HAFTUNG ZYLINDERSCHLOSSFABRIK, DE
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[54] **DISPERSION COMPOSITIONS WITH NONIONIC SURFACTANTS FOR USE IN PETROLEUM RECOVERY**
[54] **COMPOSITIONS DE DISPERSIONS AVEC DES TENSIOACTIFS NON IONIQUES DESTINEES A ETRE UTILISEES DANS LA RECUPERATION DU PETROLE**
[72] SANDERS, AARON W., US
[72] JOHNSTON, KEITH P., US
[72] NGUYEN, QUOC, US
[72] ADKINS, STEPHANIE, US
[72] CHEN, XI, US
[72] RIGHTOR, ED G., US
[73] DOW GLOBAL TECHNOLOGIES LLC, US
[73] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
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[54] **STRENGTHENED INLET/OUTLET SWIVEL UNION FLUID CONDUIT FOR A HOSE REEL**
[54] **CONDUITE MELANGEUSE DE LIQUIDES RENFORCEE A PRISE ET/OU SORTIE PIVOTANTES POUR DEVIDOIR**
[72] PHILLIPS, WILLIAM J., US
[72] VOGLER, MICHAEL R., US
[73] SUNCAST TECHNOLOGIES, LLC, US
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[87] (2767501)
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[54] **MOTION CONTROLLED IMAGE CREATION AND/OR EDITING**
[54] **CREATION OU MODIFICATION D'IMAGES COMMANDEES PAR LES MOUVEMENTS**
[72] CHAN, WING-SHUN, HK
[73] VTECH ELECTRONICS LTD., HK
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[54] **GEMSTONE ALIGNMENT**
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[72] POWELL, GRAHAM, GB
[73] DE BEERS UK LTD, GB
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[54] **THERMAL INSULATING PANEL COMPOSITE**
[54] **COMPOSITE POUR PANNEAU D'ISOLATION THERMIQUE**
[72] VO, VAN-CHAU, FR
[72] MAURER, MYRON, US
[72] BUNGE, FRIEDHELM, DE
[72] MERKEL, HOLGER, DE
[73] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **FUEL CELL SEPARATOR**
[54] **SEPARATEUR DE PILES A COMBUSTIBLE**
[72] TANNO, FUMIO, JP
[73] NISSHINBO CHEMICAL INC., JP
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[54] **ORAL CARE DEVICE**
[54] **DISPOSITIF DE SOIN BUCCAL**
[72] FOUGERE, RICHARD J., US
[72] FUSI, ROBERT W., II, US
[72] MCDONOUGH, JUSTIN, US
[72] OCHS, HAROLD D., US
[73] MCNEIL-PPC, INC., US
[85] 2012-01-24
[86] 2010-07-29 (PCT/US2010/043670)
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[54] **HOLLOW MICRONEEDLE ARRAYS**
[54] **MATRICES DE MICRO-AIGUILLES CREUSES**
[72] GONZALEZ, BERNARD A., US
[72] BURTON, SCOTT A., US
[72] HU, JIA, US
[72] NG, CHIN-YEE, US
[72] SIMMERS, RYAN PATRICK, US
[72] GILBERT, THOMAS J., US
[72] BURKE, SEAN M., US
[72] HARKINS, ROBERT A., US
[72] SCHLEIF, LARRY A., US
[73] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2012-01-24
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[54] **MESOIONIC PESTICIDES**
[54] **PESTICIDES MESOIONIQUES**
[72] ZHANG, WENMING, US
[72] HOLYOKE, CALEB WILLIAM, JR., US
[72] HUGHES, KENNETH ANDREW, US
[72] LAHM, GEORGE P., US
[72] PAHUTSKI, THOMAS FRANCIS, JR., US
[72] TONG, MY-HANH THI, US
[72] XU, MING, US
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US
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[86] 2010-08-03 (PCT/US2010/044274)
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[30] US (61/231,464) 2009-08-05

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[51] **Int.Cl. B29C 73/10 (2006.01) B29C 65/00 (2006.01) B29C 73/26 (2006.01)**
[25] EN
[54] **METHOD FOR REPAIRING A WALL CONSISTING OF A PLURALITY OF LAYERS**
[54] **PROCEDE DE REPARATION D'UNE PAROI CONSTITUEE DE PLUSIEURS COUCHES**
[72] DELERIS, MICHEL, FR
[72] CENAC, FRANCOIS, FR
[73] SOCIETE COMPOSITE EXPERTISE & SOLUTIONS (C.E.S.), FR
[73] UNIVERSITE PAUL SABATIER, FR
[73] BAYAB INDUSTRIES, FR
[85] 2012-01-31
[86] 2010-07-28 (PCT/EP2010/004626)
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[25] EN
[54] **MULTIPLE CHAMBERS MASK**
[54] **MASQUE A CHAMBRES MULTIPLES**
[72] ZIV, HEDI, AU
[72] MCCOOEY, CONOR, AU
[72] SLABBERT, RIKUS, AU
[73] COMPUMEDICS MEDICAL INNOVATION PTY LTD, AU
[85] 2012-02-03
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[25] EN
[54] **NOVEL AZAHETEROCYCLIC COMPOUNDS**
[54] **NOUVEAUX COMPOSES AZAHETEROCYCLIQUES**
[72] SUTTON, AMANDA E., US
[72] BRUGGER, NADIA, US
[72] RICHARDSON, THOMAS E., US
[72] VANDEVEER, HAROLD GEORGE, US
[72] HUCK, BAYARD R., US
[72] LAN, RUOXI, US
[72] POTNICK, JUSTIN, US
[73] MERCK PATENT GMBH, DE
[85] 2012-02-03
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[30] US (61/232,179) 2009-08-07

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[51] **Int.Cl. A61B 8/12 (2006.01) A61B 17/225 (2006.01) A61N 7/00 (2006.01)**
[25] EN
[54] **DISPOSABLE ACOUSTIC COUPLING MEDIUM CONTAINER**
[54] **RECIPIENT DE MILIEU DE COUPLAGE ACOUSTIQUE JETABLE**
[72] JAHNKE, RUSSELL, US
[72] BERTOLINA, JAMES, US
[72] ROBERTS, WILLIAM, US
[72] CAIN, CHARLES, US
[72] TEOFILOVIC, DEJAN, US
[72] DAVISON, THOMAS W., US
[73] HISTOSONICS, INC., US
[73] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[85] 2012-02-08
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[51] **Int.Cl. C08J 5/18 (2006.01) C08L 27/06 (2006.01)**
[25] EN
[54] **VINYL CHLORIDE POLYMER FILM AND METHOD FOR PRODUCING SAME**
[54] **FEUILLE DE POLYMERISAT DE CHLORURE DE VINYLE ET SON PROCEDE DE PRODUCTION**
[72] DEIRINGER, GUENTHER, DE
[72] SCHMIDT, BERND, DE
[72] JUERGENS, SASCHA, DE
[73] KLOECKNER PENTAPLAST GMBH & CO. KG, DE
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[25] EN
[54] **INFLATABLE, NON-LATEX BALLOON WITH SELF SEALING VALVE**
[54] **BALLON GONFLABLE SANS LATEX DOTE D'UNE VALVE A FERMETURE AUTOMATIQUE**
[72] HALLIBURTON, JAMES, GB
[73] SEATRIEVER INTERNATIONAL HOLDINGS LIMITED, GB
[85] 2012-02-14
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR IMPROVING THE HEALTH OF ANIMALS**
[54] **PROCEDES ET COMPOSITIONS POUR AMELIORER LA SANTE D'ANIMAUX**
[72] DAROSZEWSKI, JANUSZ, CA
[72] DICK, CLAYTON PAUL, CA
[72] VERZBERGER-EPSHTEIN, ISABELLA, CA
[73] AVIVAGEN INC., CA
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[25] EN
[54] **DISPENSING CAP FOR A CONTAINER**
[54] **CAPUCHON DISTRIBUTEUR POUR UN CONTENANT**
[72] ATTIE, JORGE LUIZ, BR
[72] GASPAROTTO, MARCUS VINICIUS, BR
[73] ARCH CHEMICALS, INC., US
[85] 2012-02-16
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[51] **Int.Cl. E05B 33/00 (2006.01)**
[25] EN
[54] **HANDLE-RETURNING DEVICE FOR A CYLINDER LOCK ASSEMBLY**
[54] **DISPOSITIF DE RAPPEL DE POIGNEE POUR UNE SERRURE A BARILLET**
[72] CHEN, PO YANG, TW
[72] TUNG, KAI TING, TW
[72] HUANG, YU TING, TW
[72] SUN, CHIA MIN, TW
[72] SHYU, SONG GEN, TW
[72] KUO, CHING CHUAN, TW
[73] TUNG-LUNG HARDWARE MANUFACTURING CO LTD., TW
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[54] **SYSTEME ET PROCEDE DE REFROIDISSEMENT D'AU MOINS UN DISPOSITIF PRODUISANT DE LA CHALEUR DANS UN AVION**
[72] MUEHLTHALER, GEORG, DE
[72] ERDLE, ANJA, DE
[72] DITTMAR, JAN, DE
[72] ROERING, SEBASTIAN, DE
[72] TERZI, CHERIF, DE
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[25] EN
[54] **TETRACYCLINE COMPOUNDS**
[54] **COMPOSES TETRACYCLINE**
[72] DENG, YONGHONG, US
[72] PLAMONDON, LOUIS, US
[72] SUN, CUIXIANG, US
[72] XIAO, XIAO-YI, US
[72] ZHOU, JINGYE, US
[72] SUTCLIFFE, JOYCE A., US
[72] RONN, MAGNUS P., US
[73] TETRAPHASE PHARMACEUTICALS, INC., US
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[54] **JAK2 INHIBITORS AND THEIR USE FOR THE TREATMENT OF MYELOPROLIFERATIVE DISEASES AND CANCER**
[54] **INHIBITEURS DE JAK2 ET LEUR UTILISATION POUR LE TRAITEMENT DE MALADIES MYELOPROLIFERATIVES ET DU CANCER**
[72] PURANDARE, ASHOK V., US
[72] GREBINSKI, JAMES W., US
[72] HART, AMY, US
[72] INGHRIM, JENNIFER, US
[72] SCHROEDER, GRETCHEN, US
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[73] BRISTOL-MYERS SQUIBB COMPANY, US
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[54] **INTERNAL JOINT STABILIZER DEVICE, SYSTEM AND METHOD OF USE**
[54] **DISPOSITIF INTERNE STABILISATEUR D'ARTICULATION, SYSTEME ET PROCEDE D'UTILISATION**
[72] ORBAY, JORGE L., US
[72] NORMAN, THOMAS H., US
[72] ESPINOSA, ALEX, US
[72] DE QUEVEDO, WILLIAM GARCIA, US
[72] SALCEDO, JUAN, US
[73] SKELETAL DYNAMICS LLC, US
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[54] **EXTRUDED POLYSTYRENE FOAM WITH BROAD COMONOMER CONTENT DISTRIBUTION**
[54] **MOUSSE POLYSTYRENE EXTRUDEE POSSEDANT UNE LARGE DISTRIBUTION DE LA TENEUR EN COMONOMERE**
[72] HOOD, LAWRENCE S., US
[72] DESHANO, BRIAN H., US
[73] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2012-03-09
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[54] **STABILIZED CHLORINE DIOXIDE TO PRESERVE CARBOHYDRATE FEEDSTOCKS**
[54] **DIOXYDE DE CHLORE STABILISE UTILISE POUR CONSERVER DES CHARGES D'HYDRATE DE CARBONE**
[72] SUMNER, ERIC GUY, US
[72] OKULL, DERRICK, US
[72] SOLOMON, ETHAN BARUCH, US
[73] E. I. DU PONT DE NEMOURS AND COMPANY, US
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[54] **DIRECT DRIVE WIND TURBINE**
[54] **AEROGENERATEUR A ENTRAINEMENT DIRECT**
[72] BYWATERS, GARRETT, US
[72] DANFORTH, WILLIAM, US
[72] BEVINGTON, CHRISTOPHER, US
[72] STOWELL, JESSE, US
[72] COSTIN, DANIEL, US
[73] NORTHERN POWER SYSTEMS, INC., US
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[54] **PYRIDINYLIMIDAZOLONE DERIVATIVES FOR THE INHIBITION OF PI3 KINASES**
[54] **DERIVES DE PYRIDINYLIMIDAZOLONE DESTINES A L'INHIBITION DE LA PI3 KINASE**
[72] EMDE, ULRICH, DE
[72] BUCHSTALLER, HANS-PETER, DE
[72] KLEIN, MARKUS, DE
[72] ESDAR, CHRISTINA, DE
[72] BOMKE, JOERG, DE
[73] MERCK PATENT GMBH, DE
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[54] **SYSTEM AND METHOD FOR MANAGING SPECTRUM ALLOCATION**
[54] **SYSTEME ET PROCEDE DESTINES A GERER UNE ATTRIBUTION DE SPECTRE**
[72] STANFORTH, PETER, US
[72] CAMCHONG, MARIO A., US
[72] HARI, SANTOSH, US
[73] QUALCOMM INCORPORATED, US
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[54] **STARTING DEVICE FOR A COMPETITOR IN A SPORTS COMPETITION**
[54] **DISPOSITIF DE DEPART POUR UN COMPETITEUR DANS UNE COMPETITION SPORTIVE**
[72] ZANETTA, ANDRE, CH
[72] GRIMM, CEDRIC, CH
[72] GALLI, RETO, CH
[73] SWISS TIMING LTD., CH
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[54] **POLYMER ELECTROLYTE MEMBRANE FUEL CELL ASSEMBLY**
[54] **DISPOSITIF DE PILE A COMBUSTIBLE A MEMBRANE ELECTROLYTIQUE POLYMERE**
[72] LUNDBLAD, ANDERS, SE
[72] PERSSON, LARS, SE
[72] LOEVGREN, TOMMY, SE
[72] HULTBERG, OLA, SE
[72] KARLSSON, DANIEL, SE
[73] MYFC AB, SE
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[54] **SUBSTITUTED 3-PHENYLPROPIONIC ACIDS AND THE USE THEREOF**
[54] **ACIDES 3-PHENYLPROPIONIQUES SUBSTITUES ET LEUR UTILISATION**
[72] LAMPE, THOMAS, DE
[72] HAHN, MICHAEL, DE
[72] STASCH, JOHANNES-PETER, DE
[72] SCHLEMMER, KARL-HEINZ, DE
[72] WUNDER, FRANK, DE
[72] EL SHEIKH, SHERIF, DE
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[72] STOLL, FRIEDERIKE, DE
[72] KNORR, ANDREAS, DE
[73] BAYER INTELLECTUAL PROPERTY GMBH, DE
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[54] **EMBOLIZATION DEVICE CONSTRUCTED FROM EXPANSILE POLYMER**
[54] **DISPOSITIF D'EMBOLISATION CONSTRUIT A PARTIR D'UN POLYMERE EXPANSIBLE**
[72] KEELEY, MIKE, US
[72] CRUISE, GREGORY, US
[72] CONSTANT, MICHAEL, US
[72] WARNER, SHEILA, US
[72] WALKER, MARICELA, US
[73] MICROVENTION, INC., US
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[54] **METHOD AND APPARATUS FOR INSTALLATION AND REPAIR OF INSULATED PIPING**
[54] **PROCEDE ET APPAREIL D'INSTALLATION ET DE REPARATION DE TUYAUX DE CANALISATION ISOLES**
[72] GUNNARSSON, LARS, SE
[72] LIDSTROEM, KJELL, SE
[73] TSC INNOVATION AB, SE
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[54] **PROPPANTS FOR HYDRAULIC FRACTURING TECHNOLOGIES**
[54] **AGENTS DE SOUTENEMENT POUR TECHNIQUES DE FRACTURATION HYDRAULIQUE**
[72] SOANE, DAVID, US
[72] MAHONEY, ROBERT P., US
[72] PORTILLA, ROSA CASADO, US
[73] SELF-SUSPENDING PROPPANT LLC, US
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[25] EN
[54] **VIDEO DECODING APPARATUS, VIDEO CODING APPARATUS, VIDEO DECODING METHOD, VIDEO CODING METHOD, AND STORAGE MEDIUM**
[54] **APPAREIL DE DECODAGE VIDEO, APPAREIL DE CODAGE VIDEO, METHODE DE DECODAGE VIDEO, METHODE DE CODAGE VIDEO ET SUPPORT DE STOCKAGE**
[72] SHIMADA, SATOSHI, JP
[72] NAKAGAWA, AKIRA, JP
[72] KAZUI, KIMIHIKO, JP
[72] KOYAMA, JUNPEI, JP
[73] FUJITSU LIMITED, JP
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[54] **APPARATUS AND METHOD FOR SYNCHRONIZING ADDITIONAL DATA AND BASE DATA**
[54] **DISPOSITIF ET PROCEDE POUR SYNCHRONISER DES DONNEES SUPPLEMENTAIRES ET DES DONNEES DE BASE**
[72] HERRE, JUERGEN, DE
[72] HELLMUTH, OLIVER, DE
[72] HOELZER, ANDREAS, DE
[72] GEYERSBERGER, STEFAN, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] **PROCESS FOR TREATING WATER IN HEAVY OIL PRODUCTION USING COATED HEAT EXCHANGE UNITS**
[54] **PROCEDE DE TRAITEMENT DE L'EAU DANS LA PRODUCTION D'HUILES LOURDES A L'AIDE D'UNITES D'ECHANGE THERMIQUE REVETUES**
[72] MCKEEN, LAURENCE WAINO, US
[72] HOOPER, MICHAEL ALBERT, CA
[73] E. I. DU PONT DE NEMOURS AND COMPANY, US
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[54] **ANALYSE GENOMIQUE BASEE SUR LA TAILLE**
[72] LO, YUK MING DENNIS, CN
[72] CHAN, KWAN CHEE, CN
[72] ZHENG, WENLI, CN
[72] CHIU, WAI KWUN ROSSA, CN
[73] THE CHINESE UNIVERSITY OF HONG KONG, CN
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[54] **SYSTEMS FOR ENERGY RECOVERY AND RELATED METHODS**
[54] **SYSTEMES DE RECUPERATION D'ENERGIE ET PROCEDES ASSOCIES**
[72] BATES, LYLE, US
[73] PARADIGM WATERWORKS, LLC, US
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[72] BESSELER, JENS, DE
[72] GOLBERG, CHRISTIAN, DE
[72] HERRMANN, FRANK, DE
[72] HOLAKOVSKY, HOLGER, DE
[72] DAELMAN, MANUEL, DE
[72] THOEMMES, RALF, DE
[72] WUTTKE, GILBERT, DE
[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
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[25] EN
[54] **METHOD FOR PRODUCING POTABLE WATER AND/OR PURIFYING WATER COMPRISING THE ELIMINATION OF A TARGET COMPOUND AND A FILTRATION WITHIN A FILTER DRUM**
[54] **PROCEDE DE POTABILISATION ET/OU D'EPURATION D'EAU COMPRENANT L'ELIMINATION D'UN COMPOSE CIBLE ET UNE FILTRATION AU SEIN D'UN TAMBOUR FILTRANT**
[72] HUMBERT, HUGUES, FR
[72] BREANT, PHILIPPE, FR
[72] GIRODET, PIERRE, FR
[73] VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT, FR
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[54] **AUTOMATED BEVERAGE FORMULATION**
[54] **PREPARATION DE BOISSON AUTOMATISEE**
[72] DEO, INDRANI, US
[72] JERSEY, STEVEN, US
[73] PEPSICO, INC., US
[85] 2012-05-24
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[54] **CONCENTRATED STORAGE-STABLE AQUEOUS OPTICAL BRIGHTENING SOLUTIONS**
[54] **SOLUTIONS AZURANTES OPTIQUES AQUEUSES CONCENTREES STABLES AU STOCKAGE**
[72] KLEIN, CEDRIC, FR
[72] REVEAUD, FREDERIC, FR
[72] PUDDIPHATT, DAVID, GB
[72] JACKSON, ANDREW CLIVE, CH
[73] ARCHROMA IP GMBH, CH
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[25] EN
[54] **SEAT HEIGHT ADJUSTMENT ACTUATING DEVICE**
[54] **DISPOSITIF DE COMMANDE D'AJUSTEMENT DE LA HAUTEUR D'UN SIEGE**
[72] GILLIS, RUSSEL VINCENT, CA
[72] YU, EDILBERT DELGADO, CA
[73] EUROSPEC MANUFACTURING INC., CA
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[54] **REUSABLE GARMENT BAG**
[54] **SAC A VETEMENTS REUTILISABLE**
[72] TORRELLAS, TONIA P., US
[73] TORRELLAS, TONIA P., US
[86] (2783071)
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[54] **VERTICAL T-JUNCTION BLOCK ASSEMBLY**
[54] **ENSEMBLE BLOC DE JONCTION T VERTICAL**
[72] BYRNE, NORMAN R., US
[73] BYRNE, NORMAN R., US
[86] (2783123)
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[54] **PREDICTIVE CONTROL AND VISUALIZING SYSTEM FOR A NC MACHINE TOOL**
[54] **SYSTEME DE VISUALISATION ET DE REGULATION PREDICTIVE POUR UNE MACHINE-OUTIL A COMMANDE NUMERIQUE**
[72] MORFINO, GIUSEPPE, IT
[72] FRANCESE, CARLA, IT
[72] VESCO, MARIO, IT
[72] GHEZZO, EDOARDO, IT
[73] FIDIA S.P.A., IT
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[54] **NET REPLACEMENT FILM**
[54] **FILM DE REMPLACEMENT DE FILET**
[72] OEHRN, LARS, SE
[72] BYSTROEM, INGER, SE
[72] RUNESSON, TORBJOERN, SE
[72] LINDBERG, ANDREAS, SE
[73] TRIOPLAST AB, SE
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[54] **DISPOSITIF DE SURVEILLANCE D'EEG EN DEUX PARTIES COMPRENANT UN BUS DE DONNEES ET PROCEDE DE COMMUNICATION ENTRE LES PARTIES**
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[54] **APPAREIL DE TRAITEMENT DE SIGNAL ET METHODE DE TRAITEMENT DE SIGNAL, CODEUR ET METHODE DE CODAGE, DECODEUR ET METHODE DE DECODAGE ET PROGRAMME**
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[54] **PROCEDE D'ALIMENTATION D'UN RESEAU DE TENSION ALTERNATIVE TRIPHASEE EN ENERGIE ELECTRIQUE**
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[73] STANLEY BLACK & DECKER, INC., US
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[54] **METHODE DE FACONNAGE A CHAUD D'UNE PIECE ET AGENT REDUISANT L'EMISSION DE CHALEUR**
[72] ROCKENSCHAUB, KARIN, AT
[72] MARKETZ, WILDFRIED, GB
[73] BOEHLER SCHMIEDETECHNIK GMBH & CO. KG, AT
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[72] PRESTON, BARRY, GB
[73] CERAVISION LIMITED, GB
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[54] **CONNECTEUR DE TETE DE PUITS ET SA METHODE D'UTILISATION**
[72] JOHNSON, CHRISTOPHER DALE, US
[72] WEIR, JAMES WILLIAM, US
[72] BENNETT, DEAN ALLEN, US
[73] NATIONAL OILWELL VARCO, L.P., US
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[54] **ENSEMBLES DE MANCHONS-TRAYEURS DOTES D'UNE FLEXIBILITE D'EMBOUT VARIABLE**
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[54] **PROCEDE ET APPAREIL POUR CHAUFFER UN LIQUIDE STOCKE**
[72] DOBI, STEVAN, CA
[73] PITYU CONTROLS INC., CA
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[54] **DISPOSITIF D'OUVERTURE POUR BOITE**
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[72] SCIMECA, SANTO F., US
[72] GARNER, CHAD, US
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[54] **DISPOSITIF TENDEUR POUR ORTHESES**
[72] STIER, GERALD, DE
[73] BAUERFEIND AG, DE
[85] 2013-02-19
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[54] **SUBMERGED HOLLOW FIBER MEMBRANE MODULE HAVING PARTITION MEMBRANE WITH SLANTED OPENINGS**
[54] **MODULE A MEMBRANE EN FIBRES CREUSES SUBMERGEE COMPORTANT UNE MEMBRANE DESEPARATION DOTEE D'OUVERTURES INCLINEES**
[72] MO, CHI JOON, KR
[72] LIM, SEONG HAN, KR
[72] JEON, YOU CHUL, KR
[72] LEE, JEONG JAE, KR
[72] KIM, DONG SEONG, KR
[73] HYOSUNG CORPORATION, KR
[85] 2013-02-19
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[54] **DOWNHOLE DETECTION**
[54] **DETECTION DE FOND DE TROU**
[72] CLARKSON, HUGH, GB
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2809026)
[87] (2809026)
[22] 2013-03-13
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[54] **ROTOR A EFFET MAGNUS**
[72] ROHDEN, ROLF, DE
[73] WOBBEN PROPERTIES GMBH, DE
[85] 2013-03-12
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[25] EN
[54] **MEDICAL ADSORBENT AND METHOD FOR PRODUCING SAME**
[54] **ADSORBANT POUR MEDICAMENT, ET PROCEDE DE FABRICATION DE CELUI-CI**
[72] KUROKAWA, HIROYUKI, JP
[72] HIBI, KEITA, JP
[72] KOUSAKA, TSUTOMU, JP
[72] SUZUKI, KEISUKE, JP
[73] FUTAMURA KAGAKU KABUSHIKI KAISHA, JP
[85] 2013-03-13
[86] 2011-10-05 (PCT/JP2011/072960)
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[30] JP (2010-229408) 2010-10-12
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[25] EN
[54] **STEP-TO-STEP WEDGE THREAD CONNECTIONS AND RELATED METHODS**
[54] **RACCORDS ETAGES PAR FILETAGE EN COIN ET PROCEDES APPARENTES**
[72] MALLIS, DAVID LLEWELLYN, US
[72] WARD, GARY W., US
[73] HYDRIL COMPANY, US
[85] 2013-03-13
[86] 2011-09-21 (PCT/US2011/052471)
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[25] FR
[54] **LIQUID METERING PUMP, AND DEVICE FOR DETECTING THE VARIATION IN PRESSURE FOR SUCH A PUMP**
[54] **POMPE DOSEUSE DE LIQUIDE, ET DISPOSITIF DETECTEUR DE LA VARIATION DE PRESSION POUR UNE TELLE POMPE**
[72] LUCAS, GREGORY, FR
[72] VACHER, DAVID, FR
[72] CHARRIERE, CHRISTOPHE, FR
[73] DOSATRON INTERNATIONAL, FR
[85] 2013-03-20
[86] 2011-09-28 (PCT/IB2011/054258)
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[54] **PRODUCTION OF A HIGH OCTANE ALKYLATE FROM ETHYLENE AND ISOBUTANE**
[54] **PRODUCTION D'UN ALKYLATE D'INDICE D'OCTANE ELEVE A PARTIR D'ETHYLENE ET D'ISOBUTANE**
[72] MUKHERJEE, MITRAJIT, US
[72] YOUNG, JOHN, F., US
[72] NEHLSEN, JAMES, P., US
[72] SUCIU, GEORGE, D., US
[72] COLEY, KELLY, ANN, US
[73] EXELUS, INC., US
[85] 2013-03-26
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[25] EN
[54] **MORPHOLINO NUCLEIC ACID DERIVATIVES**
[54] **DERIVE D'ACIDE MORPHOLINO NUCLEIQUE**
[72] UEDA, TOSHIHIRO, JP
[73] NIPPON SHINYAKU CO., LTD., JP
[85] 2013-03-28
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[25] EN
[54] **SELF-CLEANING CIGARETTE TOBACCO COMPACTING MECHANISM**
[54] **MECANISME DE COMPACTAGE DE TABAC DE CIGARETTE AUTONETTOYANT**
[72] LIN, MEI, US
[73] REPUBLIC TOBACCO L.P., US
[86] (2813447)
[87] (2813447)
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[30] US (13/453,671) 2012-04-23

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[51] **Int.Cl. C08F 2/04 (2006.01) C08F 220/18 (2006.01) C08F 220/34 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING A (METH)ACRYLATE COPOLYMER CONTAINING TERTIARY AMINO GROUPS BY FREE-RADICAL POLYMERIZATION IN SOLUTION**
[54] **PROCEDE POUR LA PREPARATION D'UN COPOLYMERE DE (METH)ACRYLATE CONTENANT DES GROUPES AMINO TERTIAIRES PAR POLYMERISATION RADICALAIRE EN SOLUTION**
[72] MEIER, CHRISTIAN, DE
[72] WEBER, ANDREAS, DE
[72] VORHOLZ, JOHANNES, DE
[72] KUKSAL, ALPERTUNGA, DE
[72] KLOSENDORF, ANDREAS, DE
[72] BOHMANN, PAMELA, DE
[72] DENGER, MARCUS, DE
[72] HOFFMANN, NORBERT, DE
[72] PAPADOPOULOS, NIKOLAOS, DE
[73] EVONIK ROEHM GMBH, DE
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[25] EN
[54] **COMPOSITE MATERIAL STRUCTURE, AND AIRCRAFT WING AND FUSELAGE PROVIDED THEREWITH**
[54] **STRUCTURE EN MATERIAU COMPOSITE, ET AILE ET FUSELAGE D'AVION COMPRENANT CELLE-CI**
[72] TANAKA, YUYA, JP
[72] YOSHIDA, SHINICHI, JP
[72] TANAKA, HIDEAKI, JP
[72] SUZUKI, HIDEYUKI, JP
[72] ABE, TOSHIO, JP
[72] KASHIWAGI, MASAHIRO, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2013-04-25
[86] 2012-02-03 (PCT/JP2012/052517)
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[51] **Int.Cl. F02C 7/042 (2006.01) F02C 7/28 (2006.01)**
[25] EN
[54] **CABLE-ACTUATED VARIABLE AREA FAN NOZZLE WITH ELASTOMERIC SEALS**
[54] **BUSE DE VENTILATEUR A SURFACE VARIABLE ACTIONNEE PAR CABLE A JOINTS ELASTOMERES**
[72] JASKLOWSKI, CHRISTOPHER, US
[72] SANGWIN, MICHAEL L., US
[72] FOUTCH, DAVID WILLIAM, US
[72] ALKISLAR, MEHMET BAHADIR, US
[72] DILLIGAN, MATTHEW ANTHONY, US
[73] THE BOEING COMPANY, US
[86] (2818108)
[87] (2818108)
[22] 2012-08-20
[30] US (13/225,803) 2011-09-06

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[51] **Int.Cl. G02F 1/361 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **STABLE FREE RADICAL CHROMOPHORES AND MIXTURES THEREOF, PROCESSES FOR PREPARING THE SAME, NONLINEAR OPTIC MATERIALS, AND USES THEREOF IN NONLINEAR OPTICAL APPLICATIONS**
[54] **CHROMOPHORES A RADICAL LIBRE STABLE ET LEURS MELANGES, PROCEDES DE PREPARATION ASSOCIES, MATERIAUX OPTIQUES NON LINEAIRES, ET LEURS UTILISATIONS DANS DES APPLICATIONS OPTIQUES NONLINEAIRES**
[72] GOETZ, FREDERICK J., SR., US
[72] ASHTON, ANDREW, US
[72] EATON, DAVID F., US
[72] ARDUENGO, ANTHONY J., US
[72] SIMMONS, HOWARD E., US
[72] RUNYON, JASON W., US
[72] GOETZ, FREDERICK J., JR., US
[73] LIGHTWAVE LOGIC, INC., US
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[13] C
[51] **Int.Cl. H01M 10/44 (2006.01) H02J 7/00 (2006.01)**
[25] EN
[54] **MAXIMIZED BATTERY CAPACITY CHARGE BASED ON EQUILIBRIUM CHARGING**
[54] **CHARGE DE CAPACITE DE BATTERIE MAXIMISEE FONDEE SUR UN PROCEDE DE CHARGE EN EQUILIBRE**
[72] PATINO, JOSEPH, US
[73] BLACKBERRY LIMITED, CA
[86] (2820508)
[87] (2820508)
[22] 2013-06-19
[30] EP (12174238.1) 2012-06-28

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[13] C
[51] **Int.Cl. F02B 71/00 (2006.01) F01P 3/06 (2006.01)**
[25] EN
[54] **INTERNAL COMBUSTION ENGINE OF THE ANNULAR PISTON TYPE AND A CENTER SHAFT FOR SUCH AN ENGINE**
[54] **MOTEUR A COMBUSTION INTERNE DU TYPE A PISTON ANNULAIRE ET ARBRE CENTRAL POUR UN TEL MOTEUR**
[72] SALMINEN, REIJO, US
[73] SALMINEN, REIJO, US
[85] 2013-06-12
[86] 2011-12-16 (PCT/FI2011/051116)
[87] (WO2012/080575)
[30] US (61/423,800) 2010-12-16

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[51] **Int.Cl. G01C 11/36 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **OBLIQUE GEOLOCATION AND MEASUREMENT SYSTEM**
[54] **SYSTEME DE LOCALISATION GEOGRAPHIQUE ET DE MESURE A PARTIR D'IMAGES OBLIQUES**
[72] SCHULTZ, STEPHEN, US
[72] GIUFFRIDA, FRANK, US
[72] GRAY, ROBERT, US
[72] MONDELLO, CHARLES, US
[73] PICTOMETRY INTERNATIONAL CORP., US
[86] (2821780)
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[51] **Int.Cl. B65G 43/00 (2006.01) B66B 23/02 (2006.01) H02J 4/00 (2006.01)**
[25] EN
[54] **METHOD AND CONVEYOR SYSTEM**
[54] **PROCEDE ET SYSTEME DE TRANSPORTEUR**
[72] BOOM, ANTHONY S., US
[73] KONE CORPORATION, FI
[85] 2013-06-20
[86] 2011-10-11 (PCT/US2011/055738)
[87] (WO2012/094044)
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[51] **Int.Cl. H04N 19/70 (2014.01) H04N 19/137 (2014.01) H04N 19/176 (2014.01) H04N 19/18 (2014.01)**
[25] EN
[54] **CODING OF RESIDUAL DATA IN PREDICTIVE COMPRESSION**
[54] **CODAGE DE DONNEES RESIDUELLES DANS UNE COMPRESSION PREDICTIVE**
[72] HE, DAKE, CA
[72] MENG, JIN, CA
[73] BLACKBERRY LIMITED, CA
[85] 2013-06-25
[86] 2011-12-22 (PCT/CA2011/050803)
[87] (WO2012/092661)
[30] US (61/429,633) 2011-01-04

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[51] **Int.Cl. B01D 63/02 (2006.01)**
[25] EN
[54] **ADSORPTION/SEPARATION MEMBRANE MODULE, METHOD FOR PRODUCING ADSORPTION/SEPARATION MEMBRANE MODULE, AND PARTITION MEMBER**
[54] **MODULE DE MEMBRANE D'ADSORPTION/DE SEPARATION, SON PROCEDE DE PRODUCTION, ET ELEMENT DE PARTITION**
[72] SHINOHARA, NAOYUKI, JP
[72] SATO, YUTA, JP
[73] ASAHI KASEI CHEMICALS CORPORATION, JP
[85] 2013-06-26
[86] 2011-12-27 (PCT/JP2011/080343)
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[25] EN
[54] **CAPSULE AND METHOD FOR THE PREPARATION OF A BEVERAGE BY CENTRIFUGATION**
[54] **CAPSULE ET PROCEDE PERMETTANT LA PREPARATION D'UNE BOISSON PAR CENTRIFUGATION**
[72] ABEGGLEN, DANIEL, CH
[72] TINEMBART, JEAN-FRANCOIS, CH
[72] PERENTES, ALEXANDRE, CH
[72] GERBAULET, ARNAUD, FR
[73] NESTEC S.A., CH
[85] 2013-07-08
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[25] EN
[54] **IMPACT ATTENUATING BLADDER WITH FLUID RELEASE CONTROL VALVE FOR A HELMET LINER**
[54] **SAC GONFLABLE D'ATTENUATION D'IMPACT A SOUPAPE DE COMMANDE DE LIBERATION DE FLUIDE POUR UNE GARNITURE INTERIEURE DE CASQUE**
[72] ARCHBOLD, JEFF, CA
[73] AIRIUM PERFORMANCE INC., CA
[85] 2013-07-09
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[51] **Int.Cl. A61F 2/01 (2006.01)**
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[54] **TEMPORARY EMBOLIC PROTECTION DEVICE AND MEDICAL PROCEDURE FOR DELIVERY THEREOF**
[54] **DISPOSITIF DE PROTECTION EMBOLIQUE TEMPORAIRE ET PROCEDURE MEDICALE POUR LE PLACEMENT DE CELUI-CI**
[72] JONSSON, ANDERS, SE
[73] SWAT MEDICAL AB, SE
[85] 2012-02-29
[86] 2009-09-04 (PCT/EP2009/061509)
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[54] **A CLAMP**
[54] **ATTACHE**
[72] KNOTT, ROY WILLIAM, GB
[73] KNOTT, ROY WILLIAM, GB
[85] 2013-08-21
[86] 2010-02-22 (PCT/GB2010/000305)
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[25] EN
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[54] **MAMELON A ORIFICES DE VENTILATION ET DEBITS MULTIPLES**
[72] RICHARD, MAXIME R., US
[73] DART INDUSTRIES INC., US
[86] (2829000)
[87] (2829000)
[22] 2013-10-02
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[51] **Int.Cl. F24F 1/14 (2011.01) F25B 30/00 (2006.01)**
[25] EN
[54] **HEAT PUMP SYSTEM AND AIR-CONDITIONER**
[54] **SYSTEME DE POMPE A CHALEUR ET CLIMATISEUR**
[72] HU, YINGNING, CN
[72] LI, BIAO, CN
[72] LIN, JUN, CN
[72] WANG, CHENGYONG, CN
[73] GUANGXI JUNFUHUANG GROUND SOURCE HEAT PUMP CO., LTD, CN
[73] GUANGXI UNIVERSITY, CN
[86] (2829412)
[87] (2829412)
[22] 2013-10-03
[30] CN (201310358748.4) 2013-08-16

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[25] EN
[54] **CLEANING COMPOSITION CONTAINING POLYMER MICROEMULSION**
[54] **COMPOSITION DE NETTOYAGE CONTENANT UNE MICROEMULSION DE POLYMERES**
[72] BRITTON, CLAUDIA E., US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2013-09-09
[86] 2012-03-07 (PCT/US2012/027948)
[87] (WO2012/122200)
[30] US (61/449,801) 2011-03-07
[30] US (13/352,895) 2012-01-18

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[51] **Int.Cl. H04B 10/07 (2013.01) H04B 10/27 (2013.01) H04B 10/85 (2013.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DETECTING OPTICAL NETWORK UNIT, AND PASSIVE OPTICAL NETWORK SYSTEM**
[54] **PROCEDE ET DISPOSITIF DE DETECTION D'UNITE DE RESEAU OPTIQUE ET SYSTEME DE RESEAU OPTIQUE PASSIF**
[72] WAN, MIN, CN
[72] ZENG, XIAOFEI, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2013-09-25
[86] 2012-03-29 (PCT/CN2012/073243)
[87] (WO2012/130146)
[30] CN (201110077143.9) 2011-03-29

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[25] EN
[54] **FLEXIBLE MICROWAVE CATHETERS FOR NATURAL OR ARTIFICIAL LUMENS**
[54] **CATHETERS FLEXIBLES A MICRO-ONDES POUR DES LUMIERES NATURELLES OU ARTIFICIELLES**
[72] BRANNAN, JOSEPH D., US
[73] COVIDIEN LP, US
[85] 2013-10-07
[86] 2012-04-09 (PCT/US2012/032818)
[87] (WO2012/139135)
[30] US (61/473,564) 2011-04-08

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[25] EN
[54] **BOWL WITH LID**
[54] **BOL AVEC COUVERCLE**
[72] DEL SOLAR, MARIA ALEXANDRA, US
[72] MAGUIRE, PAUL, US
[72] BRYAN, AU KIN FO, CN
[73] EDGEWELL PERSONAL CARE CANADA, ULC, CA
[85] 2013-10-15
[86] 2012-04-16 (PCT/US2012/033772)
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[25] EN
[54] **METHOD FOR PRODUCING PATCH, AND PATCH**
[54] **PROCEDE DE FABRICATION D'UNE PIECE ADHESIVE ET PIECE ADHESIVE**
[72] HASHIMOTO, EIJI, JP
[72] HAGIWARA, ISAO, JP
[72] NAKA, YUKIHISA, JP
[72] CHONO, HIDEHARU, JP
[73] HISAMITSU PHARMACEUTICAL CO., INC., JP
[85] 2013-10-17
[86] 2012-04-12 (PCT/JP2012/059982)
[87] (WO2012/144405)
[30] JP (2011-092477) 2011-04-18
[30] JP (2011-243189) 2011-11-07

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[13] C
[51] **Int.Cl. H04W 4/12 (2009.01) H04W 88/18 (2009.01)**
[25] EN
[54] **SMS-BASED TRANSPORT FOR INSTANT CHATTING ON MULTIPLE PLATFORMS**
[54] **TRANSPORT A BASE DE SMS POUR LA DISCUSSION EN LIGNE SUR DES PLATEFORMES MULTIPLES**
[72] ZHU, ZHONGWEN, CA
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[85] 2013-10-31
[86] 2012-05-02 (PCT/IB2012/052202)
[87] (WO2012/150562)
[30] US (13/099,163) 2011-05-02

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[13] C
[51] **Int.Cl. B05B 9/04 (2006.01) B05B 15/02 (2006.01) B05B 7/24 (2006.01) B05B 12/14 (2006.01)**
[25] EN
[54] **PRESSURE CANISTERS FOR AUTOMATED DELIVERY OF COATING COMPOSITIONS**
[54] **BOITES SOUS PRESSION POUR UNE DISTRIBUTION AUTOMATIQUE DE COMPOSITIONS DE REVETEMENT**
[72] ROBERTSON, WALTER JAMES, US
[72] CAMPBELL, MELANIE SUE, US
[72] OSTER, JOHN RITNELL, JR., US
[72] SZUL, JOSEPH S., JR., US
[72] FOUKES, RICHARD, US
[73] PPG INDUSTRIES OHIO, INC., US
[85] 2013-11-01
[86] 2012-05-09 (PCT/US2012/037086)
[87] (WO2012/154826)
[30] US (13/104,043) 2011-05-10

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[11] **2,835,621**
[13] C
[51] **Int.Cl. H04N 7/24 (2011.01)**
[25] EN
[54] **DEVICES AND METHODS FOR TRANSMITTING AND RECEIVING AN ULTRA HIGH DEFINITION VIDEO STREAM**
[54] **DISPOSITIFS ET METHODES DE TRANSMISSION ET RECEPTION D'UN FLUX VIDEO ULTRA HAUTE DEFINITION**
[72] CHOE, JEEHYUN, KR
[72] SUH, JONGYEUL, KR
[72] KIM, JINPIL, KR
[72] MOON, KYOUNGSOO, KR
[72] HONG, HOTAEK, KR
[72] LEE, JOONHUI, KR
[73] LG ELECTRONICS INC., KR
[85] 2013-11-08
[86] 2012-05-21 (PCT/KR2012/003988)
[87] (WO2012/157999)
[30] US (61/487,710) 2011-05-19

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[13] C
[51] **Int.Cl. A61M 5/24 (2006.01) A61M 5/32 (2006.01)**
[25] EN
[54] **INJECTION DEVICE**
[54] **DISPOSITIF D'INJECTION**
[72] REYNOLDS, DAVID L., CA
[72] MACDONALD, DANIEL, CA
[72] TREMBLAY, YAN, CA
[72] TREPANIER, JULIE, CA
[73] DUOJECT MEDICAL SYSTEMS INC., CA
[85] 2013-11-15
[86] 2012-06-01 (PCT/CA2012/000536)
[87] (WO2012/167353)
[30] CA (2,742,555) 2011-06-10

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[13] C
[51] **Int.Cl. B26B 21/48 (2006.01) B26B 21/22 (2006.01)**
[25] EN
[54] **RAZOR WITH BLADE HEATING SYSTEM**
[54] **RASOIR DOTE D'UN SYSTEME DE CHAUFFAGE DE LAMES**
[72] BOHMER, WILLIAM, US
[72] TOMASSETTI, LOUIS D., US
[73] L.P.I CONSUMER PRODUCTS, INC., US
[73] DISPLAY MATRIX CORPORATION, US
[85] 2013-11-15
[86] 2012-05-18 (PCT/US2012/038554)
[87] (WO2012/159022)
[30] US (13/110,031) 2011-05-18

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[13] C
[51] **Int.Cl. C25B 3/00 (2006.01) C25B 3/06 (2006.01)**
[25] EN
[54] **ELECTROCHEMICAL HYDROXIDE SYSTEMS AND METHODS USING METAL OXIDATION**
[54] **SYSTEMES ET PROCEDES ELECTROCHIMIQUES A HYDROXYDE UTILISANT UNE OXYDATION DE METAL**
[72] ALBRECHT, THOMAS A., US
[72] GILLIAM, RYAN J., US
[72] BOGGS, BRYAN, US
[72] SELF, KYLE, US
[72] SOLAS, DENNIS W., US
[72] KOSTOWSKYJ, MICHAEL, US
[72] LECLERC, MARGARETE K., US
[72] GORER, ALEXANDER, US
[72] WEISS, MICHAEL, US
[73] CALERA CORPORATION, US
[85] 2013-11-18
[86] 2012-05-17 (PCT/US2012/038438)
[87] (WO2012/158969)
[30] US (61/488,079) 2011-05-19
[30] US (61/499,499) 2011-06-21
[30] US (61/515,474) 2011-08-05
[30] US (61/546,461) 2011-10-12
[30] US (61/552,701) 2011-10-28
[30] US (61/597,404) 2012-02-10
[30] US (61/617,390) 2012-03-29

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[13] C
[51] **Int.Cl. H04L 12/26 (2006.01) G06F 17/00 (2006.01) G06F 17/30 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **APPLICATION IDENTIFICATION METHOD, AND DATA MINING METHOD, APPARATUS, AND SYSTEM**
[54] **PROCEDE D'IDENTIFICATION D'APPLICATION ET PROCEDE, APPAREIL ET SYSTEME D'EXTRACTION DE DONNEES**
[72] ZHOU, WEI, CN
[72] TANG, DONG, CN
[72] ZHANG, HONGDING, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2013-12-13
[86] 2013-07-29 (PCT/CN2013/080312)
[87] (WO2014/101402)
[30] CN (201210592203.5) 2012-12-31

[11] **2,838,901**
[13] C
[51] **Int.Cl. C22B 3/42 (2006.01) C22B 3/24 (2006.01) C22B 11/00 (2006.01) C22B 15/00 (2006.01)**
[25] EN
[54] **METHOD FOR RECOVERING PRECIOUS METALS AND COPPER FROM LEACH SOLUTIONS**
[54] **PROCEDE DE RECUPERATION DE METAUX PRECIEUX ET DE CUIVRE A PARTIR DE SOLUTIONS DE LIXIVIATION**
[72] CHOI, YEONUK, CA
[72] WANG, QIANKUN, CA
[72] LANGHANS, JOHN WILLIAM, US
[73] BARRICK GOLD CORPORATION, CA
[85] 2013-12-09
[86] 2012-06-15 (PCT/US2012/042615)
[87] (WO2012/174349)
[30] US (61/497,415) 2011-06-15
[30] US (61/508,472) 2011-07-15

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[13] C
[51] **Int.Cl. F15D 1/02 (2006.01) G01F 15/00 (2006.01)**
[25] EN
[54] **EXTENDED LENGTH FLOW CONDITIONER**
[54] **CONDITIONNEUR DE FLUX A LONGUEUR ETENDUE**
[72] SAWCHUK, DANIEL A., CA
[72] SELIRIO, REGINALD, CA
[73] CANADA PIPELINE ACCESSORIES, CO. LTD., CA
[86] (2839226)
[87] (2839226)
[22] 2014-01-16
[30] US (61/753,512) 2013-01-17
[30] US (14/152,459) 2014-01-10

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[13] C
[51] **Int.Cl. H04N 21/2381 (2011.01)**
[25] EN
[54] **MEDIA CONTENT TRANSCEIVING METHOD AND TRANSCEIVING APPARATUS USING SAME**
[54] **PROCEDE DE TRANSMISSION ET DE RECEPTION DE CONTENU MULTIMEDIA ET APPAREIL DE TRANSMISSION ET DE RECEPTION UTILISANT CE PROCEDE**
[72] KIM, KYUNGHO, KR
[72] KIM, JINPIL, KR
[72] LEE, HYEONJAE, KR
[73] LG ELECTRONICS INC., KR
[85] 2013-12-16
[86] 2012-06-20 (PCT/KR2012/004867)
[87] (WO2012/177041)
[30] US (61/498,627) 2011-06-20
[30] US (61/499,651) 2011-06-21

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[11] **2,839,852**
[13] C
[51] **Int.Cl. A47J 19/02 (2006.01) A47J 17/02 (2006.01) A47J 43/25 (2006.01)**
[25] EN
[54] **COMBINED CITRUS PRESS AND ZESTER**
[54] **PRESSE-AGRUME ET ZESTEUR COMBINES**
[72] JALET, VINCENT, BE
[73] DART INDUSTRIES INC., US
[86] (2839852)
[87] (2839852)
[22] 2014-01-20
[30] US (13/768,025) 2013-02-15

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[11] **2,840,236**
[13] C
[51] **Int.Cl. B60W 30/00 (2006.01) B60C 23/20 (2006.01) B60W 50/00 (2006.01)**
[25] EN
[54] **WHEEL END CONDITION DETECTION**
[54] **DETECTION DE L'ETAT FINAL D'UNE ROUE**
[72] COUCH, BRYAN, CA
[72] OLSON, DANIEL, EDWARD, CA
[73] MOTOR COACH INDUSTRIES LIMITED, CA
[85] 2013-12-17
[86] 2012-08-03 (PCT/IB2012/001985)
[87] (WO2013/017955)
[30] US (61/515,148) 2011-08-04
[30] US (13/561,749) 2012-07-30

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[11] **2,840,278**
[13] C
[51] **Int.Cl. C07C 7/04 (2006.01) C07C 7/11 (2006.01)**
[25] EN
[54] **PROCESS FOR SEPARATING BY ABSORPTION THE PYROLYSIS GAS FROM PREPARATION OF LOWER CARBON OLEFINS**
[54] **PROCEDE D'ABSORPTION ET DE SEPARATION D'UN GAZ DE CRAQUAGE ISSU D'UN PROCEDE DE PREPARATION D'OLEFINES A FAIBLE TENEUR EN CARBONE**
[72] FAN, FENGTANG, CN
[72] WEI, XIAOBO, CN
[72] CHENG, LONGWU, CN
[72] WU, YINGXIN, CN
[72] HUANG, XIANGQIAN, CN
[73] FUDE (BEIJING) CHEMICAL & INDUSTRY CO., LTD, CN
[73] DAQING PETROCHEMICAL ENGINEERING CO., LTD, CN
[85] 2013-12-23
[86] 2012-05-31 (PCT/CN2012/076312)
[87] (WO2013/029401)
[30] CN (201110256262.0) 2011-09-01

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[13] C
[51] **Int.Cl. A61F 7/12 (2006.01) A61M 25/00 (2006.01)**
[25] EN
[54] **DEVICES, SYSTEMS AND METHODS FOR RAPID ENDOVASCULAR COOLING**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES DE REFROIDISSEMENT ENDOVASCULAIRE RAPIDE**
[72] BRIAN, BEN F., III, US
[72] WILSON, SCOTT D., US
[73] ZOLL CIRCULATION, INC., US
[86] (2840826)
[87] (2840826)
[22] 2006-06-29
[62] 2,613,671
[30] US (60/695,786) 2005-06-29

[11] **2,840,856**
[13] C
[51] **Int.Cl. A61K 39/395 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **EGFR TARGETED THERAPY**
[54] **TRAITEMENT AYANT POUR CIBLE EGFR**
[72] KERSTEN, CHRISTIAN, NO
[72] CAMERON, MARTE GRONLIE, NO
[72] MJALAND, SVEIN, NO
[73] SYKEHUSET SORLANDET HF, NO
[85] 2013-12-31
[86] 2012-07-05 (PCT/IB2012/001619)
[87] (WO2013/005108)
[30] US (61/504,737) 2011-07-06

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[11] **2,843,318**
[13] C
[51] **Int.Cl. A61C 1/14 (2006.01) A61C 3/02 (2006.01)**
[25] EN
[54] **POSITIVE DRIVE CHUCK AND BUR ARRANGEMENT FOR A DENTAL HANDPIECE**
[54] **AGENCEMENT MANDRIN ET FRAISE A ENTRAINEMENT POSITIF POUR INSTRUMENT DENTAIRE A MAIN**
[72] NOVAK, EUGENE J., US
[73] DENTSPLY INTERNATIONAL, INC., US
[85] 2014-01-28
[86] 2012-07-05 (PCT/US2012/045525)
[87] (WO2013/019359)
[30] US (13/194,285) 2011-07-29

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[13] C
[51] **Int.Cl. H01M 8/0662 (2016.01) C25B 1/02 (2006.01) C25B 9/00 (2006.01) C25B 15/00 (2006.01)**
[25] EN
[54] **REDOX DEVICE**
[54] **DISPOSITIF D'OXYDO-REDUCTION**
[72] JEHLE, WALTER, DE
[72] LUCAS, JOACHIM, DE
[72] MARKGRAF, SEBASTIAN, DE
[73] AIRBUS DS GMBH, DE
[86] (2843655)
[87] (2843655)
[22] 2014-02-20
[30] EP (13156984.0) 2013-02-27

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[11] **2,843,671**
[13] C
[51] **Int.Cl. H01M 8/0662 (2016.01) C25B 1/02 (2006.01) C25B 9/00 (2006.01) C25B 15/00 (2006.01)**
[25] EN
[54] **REDOX DEVICE**
[54] **DISPOSITIF D'OXYDO-REDUCTION**
[72] JEHLE, WALTER, DE
[72] MARKGRAF, SEBASTIAN, DE
[72] RAATSCHEN, WILLIGERT, DE
[72] LUCAS, JOACHIM, DE
[73] AIRBUS DS GMBH, DE
[86] (2843671)
[87] (2843671)
[22] 2014-02-20
[30] EP (13156999.8) 2013-02-27

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[13] C
[51] **Int.Cl. H04N 7/24 (2011.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR TRANSMITTING AND RECEIVING A UHD VIDEO STREAM WHICH IS DOWNSAMPLED INTO HD VIDEO AND RESIDUAL SUB-STREAMS**
[54] **APPAREIL ET METHODE DE TRANSMISSION ET DE RECEPTION D'UN FLUX VIDEO UHD SOUS-ECHANTILLONNE EN VIDEO HD ET SOUS-FLUX RESIDUELS**
[72] SUH, JONGYEUL, KR
[72] KWAK, KOOKYEON, KR
[72] KIM, JINPIL, KR
[72] CHOE, JEEHYUN, KR
[72] HONG, HOTAEK, KR
[73] LG ELECTRONICS INC., KR
[85] 2014-01-22
[86] 2012-07-24 (PCT/KR2012/005887)
[87] (WO2013/015596)
[30] US (61/511,559) 2011-07-26

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[13] C
[51] **Int.Cl. G06Q 10/00 (2012.01) G06F 3/0481 (2013.01) G05B 15/02 (2006.01) G06F 3/14 (2006.01)**
[25] EN
[54] **HIERARCHICAL NAVIGATION WITH RELATED OBJECTS**
[54] **NAVIGATION HIERARCHIQUE AVEC DES OBJETS CONNEXES**
[72] HERSCHE, ANDREAS, US
[72] HAN, JAMES K., US
[73] SIEMENS INDUSTRY, INC., US
[86] (2844845)
[87] (2844845)
[22] 2014-03-05
[30] US (13/788,384) 2013-03-07

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[11] **2,844,940**
[13] C
[51] **Int.Cl. G08C 17/02 (2006.01) E05F 15/70 (2015.01)**
[25] EN
[54] **FACTORY PROGRAMMING OF PAIRED AUTHORIZATION CODES IN WIRELESS TRANSMITTER AND DOOR OPERATOR**
[54] **PROGRAMMATION EN USINE DE CODES D'AUTORISATION COUPLES DANS UN EMETTEUR-RECEPTEUR ET UN OUVRE-PORTE SANS FIL**
[72] WILDER, STEVEN E., US
[72] DENEEN, TOM, US
[72] IKELER, TIM, US
[73] OVERHEAD DOOR CORPORATION, US
[86] (2844940)
[87] (2844940)
[22] 2014-03-06
[30] US (61/798,989) 2013-03-15
[30] US (13/944,706) 2013-07-17

[11] 2,845,242
[13] C
[51] **Int.Cl. H04L 12/16 (2006.01) H04W 4/00 (2009.01) G06Q 30/02 (2012.01) G06F 3/14 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD AND DEVICE FOR ORGANIZING AND PRESENTING DIGITAL FLYERS**
[54] **SYSTEME, PROCEDE ET DISPOSITIF POUR ORGANISER ET PRESENTER DES CIRCULAIRES NUMERIQUES**
[72] CHEUNG, MATTHEW, CA
[72] FRANCIS, JEFF, CA
[72] TAN, WEHUNS, CA
[72] MEYERS, DAVID, CA
[72] AU-YEUNG, DAVID, CA
[73] FLIPP CORPORATION, CA
[85] 2014-02-13
[86] 2012-08-16 (PCT/CA2012/000768)
[87] (WO2013/026134)
[30] US (13/213,298) 2011-08-19

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[13] C
[51] **Int.Cl. A43B 7/12 (2006.01) B29D 35/12 (2010.01) A43B 9/00 (2006.01) A43B 13/38 (2006.01)**
[25] EN
[54] **DIRECT ATTACH WATERPROOF FOOTWEAR**
[54] **CHAUSSURES IMPERMEABLES A ATTACHE DIRECTE**
[72] WIENER, ROBERT J., US
[73] W.L. GORE & ASSOCIATES, INC., US
[85] 2014-02-20
[86] 2012-08-28 (PCT/US2012/052596)
[87] (WO2013/033055)
[30] US (13/224,811) 2011-09-02

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[13] C
[51] **Int.Cl. A61K 33/32 (2006.01) A61K 31/194 (2006.01) A61K 31/4015 (2006.01) A61K 33/26 (2006.01) A61P 17/00 (2006.01) A61P 17/02 (2006.01) A61P 19/04 (2006.01) A61Q 19/08 (2006.01)**
[25] EN
[54] **MANGANESE BASED COMPOUNDS FOR ELASTOGENESIS AND CONNECTIVE TISSUE TREATMENT**
[54] **COMPOSES A BASE DE MANGANESE DESTINES A L'ELASTOGENESE ET AU TRAITEMENT DE TISSU CONNECTIF**
[72] MITTS, THOMAS, US
[72] HINEK, ALEKSANDER, CA
[72] BUNDA, SEVERA, CA
[72] JIMENEZ, FELIPE, US
[73] THE HOSPITAL FOR SICK CHILDREN, CA
[73] HUMAN MATRIX SCIENCES, LLC, US
[86] (2846382)
[87] (2846382)
[22] 2005-02-22
[62] 2,562,871
[30] US (60/546,682) 2004-02-20
[30] US (60/622,104) 2004-10-26

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[13] C
[51] **Int.Cl. C08B 37/16 (2006.01) A61K 47/61 (2017.01) A61K 47/69 (2017.01) A61K 8/60 (2006.01) A61K 31/724 (2006.01) A61K 36/185 (2006.01) A61K 47/40 (2006.01) A61Q 19/08 (2006.01) C07H 3/06 (2006.01) C07H 11/00 (2006.01) C07H 11/04 (2006.01) C07H 15/10 (2006.01) C07H 15/18 (2006.01) C08L 5/16 (2006.01)**
[25] EN
[54] **RETINAL CYCLODEXTRIN ACETALS AND HEMIACETALS FOR CLARIFYING SKIN COMPLEXION**
[54] **ACETALS ET HEMIACETALS DE CYCLODEXTRINE RETINIENNE PERMETTANT DE CLARIFIER LE TEINT**
[72] PETER, DAVID WAYNE, US
[72] STANEK, JOHN DILLON, US
[72] OROZCO, CHERIA L., US
[72] GUPTA, SHYAM K., US
[73] ISLAND KINETICS INC., US
[85] 2014-02-26
[86] 2012-03-06 (PCT/US2012/027826)
[87] (WO2013/036286)
[30] US (13/226,661) 2011-09-07

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[13] C
[51] **Int.Cl. B23K 37/053 (2006.01) B23K 9/028 (2006.01) B23K 9/16 (2006.01) B23K 9/32 (2006.01)**
[25] EN
[54] **FORMING BODY FOR SEALING AN OBJECT TO BE WELDED, MORE PARTICULARLY A PIPE, HAVING A WATER SOLUBILITY GREATER THAN OR EQUAL TO 90%**
[54] **CORPS POUVANT PRENDRE UNE FORME, DESTINE A FAIRE L'ETANCHEITE D'UN OBJET A SOUDER, NOTAMMENT D'UN TUBE, ET PRESENTANT UNE SOLUBILITE DANS L'EAU SUPERIEURE OU EGALE A 90 %**
[72] BUSCHMANN, MICHAEL, DE
[73] MITSUBISHI HITACHI POWER SYSTEMS EUROPE GMBH, DE
[85] 2014-02-28
[86] 2012-08-31 (PCT/EP2012/067015)
[87] (WO2013/030364)
[30] DE (10 2011 053 171.8) 2011-08-31

[11] **2,847,296**
[13] C
[51] **Int.Cl. H04N 19/52 (2014.01) H04N 19/126 (2014.01) H04N 19/174 (2014.01) H04N 19/18 (2014.01) H04N 19/463 (2014.01)**
[25] EN
[54] **ENCODING DEVICE, DECODING DEVICE, ENCODING METHOD, AND DECODING METHOD**
[54] **DISPOSITIF DE CODAGE, DISPOSITIF DE DECODAGE, METHODE DE CODAGE ET METHODE DE DECODAGE**
[72] TANIZAWA, AKIYUKI, JP
[72] CHUJOH, TAKESHI, JP
[72] SHIODERA, TAICHIRO, JP
[73] KABUSHIKI KAISHA TOSHIBA, JP
[85] 2014-02-28
[86] 2011-10-17 (PCT/JP2011/073851)
[87] (WO2013/057782)

[11] **2,847,863**
[13] C
[51] **Int.Cl. G06T 17/00 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MODELING VIRTUAL CONTAMINANTS**
[54] **SYSTEME ET METHODE DE MODELISATION DE CONTAMINANTS VIRTUELS**
[72] PICHE, PATRICK, CA
[72] ANGHEL, BOGDAN, CA
[72] CHRISTIN, OLIVIER, CA
[72] SAMUS, SERGIY, CA
[72] RICCI, ROBERT, CA
[72] GOSSELIN, DANIEL, CA
[73] CAE INC., CA
[86] (2847863)
[87] (2847863)
[22] 2014-03-28
[30] US (14/228,523) 2014-03-28

[11] **2,848,420**
[13] C
[51] **Int.Cl. E21B 34/10 (2006.01) E21B 33/12 (2006.01) E21B 43/12 (2006.01) E21B 44/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR GALVANICALLY REMOVING FROM OR DEPOSITING ONTO A DEVICE A METALLIC MATERIAL DOWNHOLE**
[54] **APPAREIL ET PROCEDE POUR RETRAIT GALVANIQUE A PARTIR D'UN DISPOSITIF OU DEPOT SUR CELUI-CI D'UN MATERIAU METALLIQUE EN FOND DE TROU**
[72] GAUDETTE, SEAN L., US
[72] JOHNSON, MICHAEL H., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2014-03-11
[86] 2012-09-28 (PCT/US2012/057793)
[87] (WO2013/049487)
[30] US (13/249,912) 2011-09-30

[11] **2,849,251**
[13] C
[51] **Int.Cl. G01R 31/00 (2006.01) F04B 51/00 (2006.01) F04D 15/00 (2006.01) G01R 31/02 (2006.01) G01R 31/34 (2006.01)**
[25] EN
[54] **ELECTRIC FUEL PUMP TESTER AND METHOD**
[54] **TESTEUR DE POMPE A CARBURANT ELECTRIQUE ET PROCEDE**
[72] MCGAUGHEY, ROBERT J., US
[73] CARTER FUEL SYSTEMS, LLC, US
[85] 2014-03-19
[86] 2012-08-16 (PCT/US2012/051019)
[87] (WO2013/028440)
[30] US (13/213,587) 2011-08-19

[11] **2,851,384**
[13] C
[51] **Int.Cl. F03B 3/12 (2006.01) F03B 3/02 (2006.01)**
[25] EN
[54] **COMPACT BLADE FOR RUNNER OF FRANCIS TURBINE AND METHOD FOR CONFIGURING RUNNER**
[54] **AUBE COMPACTE POUR ROUE DE TURBINE FRANCIS ET PROCEDE POUR LA CONFIGURATION DE ROUE**
[72] MARIER, SYLVAIN, CA
[72] THEROUX, ERIC, CA
[73] ANDRITZ HYDRO LTD., CA
[85] 2014-04-08
[86] 2012-10-23 (PCT/CA2012/050755)
[87] (WO2013/059935)
[30] US (61/550,432) 2011-10-23

[11] **2,851,846**
[13] C
[51] **Int.Cl. H01R 4/20 (2006.01) H01R 4/18 (2006.01)**
[25] EN
[54] **WIRE COMPRESSION CONNECTOR**
[54] **RACCORD DE COMPRESSION DE CABLE**
[72] DINH, CONG THANH, US
[73] THOMAS & BETTS INTERNATIONAL, LLC, US
[86] (2851846)
[87] (2851846)
[22] 2014-05-13
[30] US (14/212,626) 2014-03-14
[30] US (14/271,919) 2014-05-07

[11] **2,852,548**
[13] C
[51] **Int.Cl. H01R 13/652 (2006.01)**
[25] EN
[54] **AUTOMATED GROUNDING DEVICE WITH VISUAL INDICATION**
[54] **DISPOSITIF DE MISE A LA TERRE AUTOMATIQUE AVEC INDICATION VISUELLE**
[72] SIEBENS, LARRY N., US
[73] THOMAS & BETTS INTERNATIONAL LLC, US
[86] (2852548)
[87] (2852548)
[22] 2014-05-16
[30] US (61/827,381) 2013-05-24
[30] US (14/242,978) 2014-04-02

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[51] **Int.Cl. H04W 76/00 (2009.01) H04M 1/738 (2006.01) H04Q 3/00 (2006.01)**
[25] EN
[54] **MULTIPLE CALL SESSION SYSTEM AND METHOD FOR A MOBILE PHONE**
[54] **SYSTEME ET PROCEDE DE SESSIONS D'APPEL MULTIPLES POUR TELEPHONE MOBILE**
[72] SANSALONE, GIUSEPPE NICODEMO, CA
[73] PROJECTONE SOLUTIONS, INC., CA
[85] 2014-04-25
[86] 2011-10-24 (PCT/CA2011/001183)
[87] (WO2012/055017)
[30] US (61/406,367) 2010-10-25

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[51] **Int.Cl. E21B 49/00 (2006.01) E21B 47/008 (2012.01) E21B 47/08 (2012.01)**
[25] EN
[54] **REAL TIME DOWNHOLE SENSOR DATA FOR CONTROLLING SURFACE STIMULATION EQUIPMENT**
[54] **DONNEES DE CAPTEUR DE FOND DE PUITS EN TEMPS REEL MISES EN UVRE POUR COMMANDER UN EQUIPEMENT DE STIMULATION EN SURFACE**
[72] COLLINS, BRETT R., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2014-04-30
[86] 2012-10-04 (PCT/US2012/058758)
[87] (WO2013/070345)
[30] US (13/293,295) 2011-11-10

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[13] C
[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **ADVERTISEMENTS WITH MULTIPLE TARGETING CRITERIA BIDS**
[54] **PUBLICITES AVEC OFFRES A CRITERES DE CIBLAGE MULTIPLES**
[72] YAN, RONG, US
[72] LI, HUAJING, US
[73] FACEBOOK, INC., US
[85] 2014-05-09
[86] 2012-11-07 (PCT/US2012/063941)
[87] (WO2013/081786)
[30] US (13/306,626) 2011-11-29

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[51] **Int.Cl. E21B 34/08 (2006.01) E21B 43/20 (2006.01) E21B 44/06 (2006.01)**
[25] EN
[54] **DOWNHOLE FLUID FLOW CONTROL SYSTEM HAVING PRESSURE SENSITIVE AUTONOMOUS OPERATION**
[54] **SYSTEME DE COMMANDE D'ECOULEMENT DE FLUIDE DE FOND DE TROU AYANT UN FONCTIONNEMENT AUTONOME SENSIBLE A LA PRESSION**
[72] FRIPP, MICHAEL LINLEY, US
[72] GANO, JOHN CHARLES, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-05-23
[86] 2012-03-02 (PCT/US2012/027463)
[87] (WO2013/130096)

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[13] C
[51] **Int.Cl. H04N 21/85 (2011.01) H04N 21/478 (2011.01) G06F 3/14 (2006.01) G06F 19/00 (2011.01) G06T 1/00 (2006.01) H04N 1/387 (2006.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **PERSONAL AUGMENTED REALITY**
[54] **REALITE AUGMENTEE PERSONNELLE**
[72] ZISES, MATTHEW SCOTT, US
[73] EBAY INC., US
[85] 2014-05-23
[86] 2012-12-27 (PCT/US2012/071770)
[87] (WO2013/101903)
[30] US (13/340,141) 2011-12-29

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[51] **Int.Cl. B65D 83/14 (2006.01)**
[25] EN
[54] **AEROSOL CONTAINER**
[54] **CONTENANT AEROSOL**
[72] SELING, KERSTIN, DE
[72] FRANZ, WALTER, DE
[73] THOMAS GMBH, DE
[86] (2857865)
[87] (2857865)
[22] 2014-07-29
[30] DE (10 2013 108 195.9) 2013-07-31

[11] **2,857,889**
[13] C
[51] **Int.Cl. A61K 47/10 (2017.01) A61K 8/04 (2006.01) A61K 8/81 (2006.01) A61K 9/12 (2006.01)**
[25] EN
[54] **OLEAGINOUS PHARMACEUTICAL AND COSMETIC FOAM**
[54] **MOUSSE PHARMACEUTIQUE ET COSMETIQUE OLEAGINEUSE**
[72] TAMARKIN, DOV, IL
[72] FRIEDMAN, DORON, IL
[72] EINI, MEIR, IL
[72] BESONOV, ALEX, IL
[73] FOAMIX PHARMACEUTICALS, LTD., IL
[86] (2857889)
[87] (2857889)
[22] 2004-12-16
[62] 2,549,505
[30] US (60/530,015) 2003-12-16
[30] US (10/835,505) 2004-04-28

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[51] **Int.Cl. G01S 5/16 (2006.01) E21C 35/00 (2006.01) G01S 17/48 (2006.01) G03B 17/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MOTION CAPTURE IN AN UNDERGROUND ENVIRONMENT**
[54] **SYSTEMES ET PROCEDES DE CAPTURE DE MOUVEMENT DANS UN ENVIRONNEMENT SOUTERRAIN**
[72] STEELE, RODERICK MARK, CA
[72] STEELE, DUNCAN PAUL, CA
[72] STEELE, CHRISTOPHER KEITH, GB
[73] TESMAN INC., CA
[85] 2014-06-03
[86] 2011-09-30 (PCT/CA2011/001105)
[87] (WO2013/044345)

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[13] C
[51] **Int.Cl. B23K 20/12 (2006.01)**
[25] EN
[54] **FRICTION STIR WELD PLUGS AND METHODS OF USING THEREOF**
[54] **BOUCHONS DE SOUDAGE PAR FRICTION-MALAXAGE ET LEURS PROCEDES D'UTILISATION**
[72] MATLACK, MIKE P., US
[72] HELVEY, AMY M., US
[72] CARD, RANDY A., US
[73] THE BOEING COMPANY, US
[86] (2858645)
[87] (2858645)
[22] 2014-08-07
[30] US (14/043596) 2013-10-01

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[13] C
[51] **Int.Cl. F21V 17/16 (2006.01) F21V 21/02 (2006.01) F21V 21/04 (2006.01)**
[25] EN
[54] **LAMP INSTALLATION DEVICE**
[54] **DISPOSITIF D'INSTALLATION DE LAMPE**
[72] LIU, ZHIYONG, CN
[72] YAN, PING, CN
[73] SHENZHEN JIAWEI PHOTOVOLTAIC LIGHTING CO., LTD., CN
[86] (2858903)
[87] (2858903)
[22] 2014-08-06
[30] CN (201320483462.4) 2013-08-08

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[13] C
[51] **Int.Cl. G06F 17/30 (2006.01) G06F 17/20 (2006.01)**
[25] EN
[54] **METHODS OF MICRO-SPECIALIZATION IN DATABASE MANAGEMENT SYSTEMS**
[54] **PROCEDES DE MICRO-SPECIALISATION DANS DES SYSTEMES DE GESTION DE BASE DE DONNEES**
[72] DEBRAY, SAUMYA K., US
[72] SNODGRASS, RICHARD T., US
[72] ZHANG, RUI, US
[73] THE ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA, US
[85] 2014-06-20
[86] 2012-12-21 (PCT/US2012/071468)
[87] (WO2013/096894)
[30] US (61/630,993) 2011-12-23

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[51] **Int.Cl. B62D 35/00 (2006.01)**
[25] EN
[54] **AIR GUIDING ELEMENT**
[54] **ELEMENT DE GUIDAGE D'AIR**
[72] ALGUERA GALLEGO, JOSE MANUEL, DE
[72] RICHTER, MARTIN, DE
[73] JOST-WERKE GMBH, DE
[85] 2014-07-14
[86] 2013-01-07 (PCT/EP2013/050154)
[87] (WO2013/110487)
[30] DE (10 2012 201 219.2) 2012-01-27

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[13] C
[51] **Int.Cl. B23K 9/18 (2006.01) B23K 9/173 (2006.01) B23K 35/38 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SUBMERGED ARC WELDING**
[54] **SYSTEMES ET PROCEDES DE SOUDAGE A L'ARC SOUS FLUX EN POUDRE**
[72] FISHER, KENNETH ALLEN, US
[72] AMATA, MARIO, US
[72] BARHORST, STEVEN, US
[72] BUNDY, JOSEPH, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2014-07-24
[86] 2013-03-25 (PCT/US2013/033681)
[87] (WO2013/148561)
[30] US (13/431,855) 2012-03-27

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[13] C
[51] **Int.Cl. H04N 5/222 (2006.01) A47C 1/12 (2006.01)**
[25] EN
[54] **SYSTEM FOR CONTROLLING SEAT EFFECT FOR FACILITY OF SHOWING PICTURES**
[54] **SYSTEME DE COMMANDE D'EFFET DE SIEGE POUR UNE INSTALLATION DE PRESENTATION D'IMAGES**
[72] CHOI, JAE SUNG, KR
[72] PARK, JIN YONG, KR
[73] CJ 4DPLEX CO., LTD, KR
[85] 2014-08-18
[86] 2012-12-06 (PCT/KR2012/010578)
[87] (WO2013/125775)
[30] KR (10-2012-0016887) 2012-02-20

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[51] **Int.Cl. A63B 6/00 (2006.01)**
[25] EN
[54] **YOGA MAT ASSEMBLY**
[54] **ENSEMBLE DE TAPIS DE YOGA**
[72] FASULLO, LUCIANO, CA
[73] SNAP MAT SYSTEMS INC., CA
[86] (2865111)
[87] (2865111)
[22] 2014-09-24
[30] US (14/469,212) 2014-08-26

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[11] **2,865,915**
[13] C
[51] **Int.Cl. B62K 25/12 (2006.01) B60G 11/12 (2006.01)**
[25] EN
[54] **A VEHICLE SUSPENSION SYSTEM**
[54] **SYSTEME DE SUSPENSION POUR VEHICULE**
[72] MCLEAY, HUGH, AU
[73] MCLEAY, HUGH, AU
[85] 2014-08-29
[86] 2013-03-01 (PCT/AU2013/000196)
[87] (WO2013/126968)
[30] AU (2012900828) 2012-03-02

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[13] C
[51] **Int.Cl. G06F 3/041 (2006.01) G06F 3/0488 (2013.01)**
[25] EN
[54] **IMAGE CONTROL APPARATUS, IMAGE PROCESSING SYSTEM, AND COMPUTER PROGRAM PRODUCT**
[54] **APPAREIL DE COMMANDE D'IMAGE, SYSTEME DE TRAITEMENT D'IMAGE ET PRODUIT-PROGRAMME D'ORDINATEUR**
[72] NAGAHARA, TAKANORI, JP
[73] RICOH COMPANY, LTD., JP
[85] 2014-09-08
[86] 2013-04-18 (PCT/JP2013/062144)
[87] (WO2013/161915)
[30] JP (2012-098834) 2012-04-24

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[51] **Int.Cl. C22F 1/00 (2006.01) C22C 9/01 (2006.01) C22C 14/00 (2006.01) C22C 19/00 (2006.01) C22C 19/03 (2006.01) C22C 38/08 (2006.01) C30B 15/00 (2006.01) C30B 29/52 (2006.01)**
[25] EN
[54] **MEDICAL INSTRUMENT MADE OF MONO-CRYSTALLINE SHAPE MEMORY ALLOYS AND MANUFACTURING METHODS**
[54] **INSTRUMENT MEDICAL FAIT D'ALLIAGES A MEMOIRE DE FORME MONOCRISTALLINS ET LEURS PROCEDES DE FABRICATION**
[72] GAO, YONG, US
[72] AMMON, DAN, US
[73] DENTSPLY INTERNATIONAL, INC., US
[85] 2014-09-10
[86] 2013-03-15 (PCT/US2013/032338)
[87] (WO2013/138760)
[30] US (61/611,073) 2012-03-15

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[13] C
[51] **Int.Cl. B42F 13/26 (2006.01) B42F 3/04 (2006.01)**
[25] EN
[54] **RING BINDER MECHANISM**
[54] **MECANISME POUR CLASSEUR**
[72] CHENG, KEI, CN
[73] WORLD WIDE STATIONERY MFG. CO., LTD., CN
[86] (2869301)
[87] (2869301)
[22] 2014-10-30
[30] CN (201310530283.6) 2013-10-31

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[13] C
[51] **Int.Cl. E06B 9/17 (2006.01)**
[25] EN
[54] **LIFTING DOOR ASSEMBLY AND DOOR LINTEL SEALING DEVICE THEREFOR**
[54] **SYSTEME DE PORTE RELEVABLE AINSI QUE DISPOSITIF D'ETANCHEITE DE LINTEAU DE PORTE**
[72] SENTJURC, MATJAZ, SI
[73] EFAFLEX INZENIRING D.O.O. LJUBLJANA, SI
[85] 2014-10-03
[86] 2013-04-24 (PCT/EP2013/058544)
[87] (WO2013/167379)
[30] DE (10 2012 104 039.7) 2012-05-08

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[13] C
[51] **Int.Cl. E21B 33/14 (2006.01) E21B 43/10 (2006.01) E21B 47/12 (2012.01)**
[25] EN
[54] **TELEMETRY OPERATED CEMENTING PLUG RELEASE SYSTEM**
[54] **SYSTEME DE LIBERATION DE BOUCHON DE CIMENTATION ACTIONNE PAR TELEMETRIE**
[72] TURLEY, ROCKY A., US
[72] CAMPBELL, ROBIN L., US
[72] GIROUX, RICHARD L., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2869837)
[87] (2869837)
[22] 2014-11-04
[30] US (14/083,021) 2013-11-18

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[13] C
[51] **Int.Cl. B04B 13/00 (2006.01)**
[25] EN
[54] **METHOD OF DETECTING AND CONTROLLING E-LINE LOSS**
[54] **PROCEDE DE DETECTION ET DE CONTROLE DE PERTE DE LIGNE DE SEPARATION**
[72] DAUGELA, DARCY, CA
[72] MUELLER, DAVID, CA
[72] BULBUC, DANIEL, CA
[72] ENGLER-COOPER, CHRISTINE, CA
[73] SYNCRUDE CANADA LTD., CA
[86] (2870910)
[87] (2870910)
[22] 2014-11-10
[30] US (61/903,229) 2013-11-12

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[51] **Int.Cl. C07D 519/00 (2006.01) A61K 31/433 (2006.01) A61K 31/4355 (2006.01) A61K 31/5025 (2006.01) A61P 7/02 (2006.01) C07D 487/04 (2006.01) C07D 513/04 (2006.01)**
[25] EN
[54] **IMIDAZOTHIADIAZOLE AND IMIDAZOPYRIDAZINE DERIVATIVES AS PROTEASE ACTIVATED RECEPTOR 4 (PAR4) INHIBITORS FOR TREATING PLATELET AGGREGATION**
[54] **DERIVES D'IMIDAZOTHIADIAZOLE ET D'IMIDAZOPYRIDAZINE UTILES COMME INHIBITEURS DES RECEPTEURS 4 ACTIVES PAR LES PROTEASES (PAR4) POUR TRAITER L'AGREGATION PLAQUETTAIRE**
[72] BANVILLE, JACQUES, CA
[72] REMILLARD, ROGER, CA
[72] RUEDIGER, EDWARD H., CA
[72] DEON, DANIEL H., CA
[72] GAGNON, MARC, CA
[72] DUBE, LAURENCE, CA
[72] GUY, JULIA, CA
[72] PRIESTLEY, ELDON SCOTT, US
[72] POSY, SHOSHANA L., US
[72] MAXWELL, BRAD D., US
[72] WONG, PANCRAS C., US
[73] BRISTOL-MYERS SQUIBB COMPANY, US
[73] UNIVERSITE DE MONTREAL, CA
[85] 2014-10-24
[86] 2013-04-24 (PCT/US2013/037956)
[87] (WO2013/163279)
[30] US (61/638,577) 2012-04-26
[30] US (61/787,680) 2013-03-15

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[13] C
[51] **Int.Cl. H04L 12/24 (2006.01) H04L 12/70 (2013.01) G06F 13/00 (2006.01) H04M 3/00 (2006.01)**
[25] EN
[54] **TRANSMISSION MANAGEMENT SYSTEM, TRANSMISSION SYSTEM, AND TRANSMISSION MANAGEMENT SYSTEM PROGRAM**
[54] **SYSTEME DE GESTION DE TRANSMISSIONS, SYSTEME DE TRANSMISSION ET PROGRAMME DESTINE AU SYSTEME DE GESTION DE TRANSMISSIONS**
[72] UMEHARA, NAOKI, JP
[73] RICOH COMPANY, LIMITED, JP
[85] 2014-10-27
[86] 2013-05-20 (PCT/JP2013/064550)
[87] (WO2013/172485)
[30] JP (2012-114602) 2012-05-18

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[13] C
[51] **Int.Cl. B65D 90/00 (2006.01) B65D 25/00 (2006.01)**
[25] EN
[54] **INSTALLATION ASSEMBLY FOR A THERMOMETER**
[54] **ENSEMBLE D'INSTALLATION POUR THERMOMETRE**
[72] PALMA, LUCA, IT
[72] FURGUT, HELENA, DE
[73] ENDRESS + HAUSER WETZER GMBH + CO. KG, DE
[86] (2872111)
[87] (2872111)
[22] 2014-11-25
[30] EP (13194626.1) 2013-11-27

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[13] C
[51] **Int.Cl. C12N 15/29 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) C07K 14/415 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) G06F 19/22 (2011.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **DIRIGENT GENE EG261 AND ITS ORTHOLOGS AND PARALOGS AND THEIR USES FOR PATHOGEN RESISTANCE IN PLANTS**
[54] **GENE DIRIGEANT EG261 ET SES ORTHOLOGUES ET PARALOGUES ET LEURS UTILISATIONS DANS LA RESISTANCE AUX PATHOGENES CHEZ LES PLANTES**
[72] MESSIER, WALTER, US
[73] EG CROP SCIENCE, INC., US
[85] 2014-11-20
[86] 2013-05-23 (PCT/US2013/042382)
[87] (WO2013/177376)
[30] US (61/652,029) 2012-05-25
[30] US (61/789,463) 2013-03-15

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[13] C
[51] **Int.Cl. G01N 9/36 (2006.01) G01N 33/28 (2006.01)**
[25] EN
[54] **PROCESS FOR DETERMINING THE INCOMPATIBILITY OF CRUDES MIXTURES CONTAINING ASPHALTENE**
[54] **PROCEDE POUR DETERMINER L'INCOMPATIBILITE DES MELANGES DE BRUTS CONTENANT DE L'ASPHALTENE**
[72] AQUINO OLIVOS, MARCO ANTONIO, MX
[72] AGUIRRE, GUTIERREZ, ADRIANA DE JESUS, MX
[72] MENDOZA DE LA CRUZ, JOSE LUIS, MX
[72] GARCIA FLORES, BLANCA ESTELA, MX
[72] AGUILA HERNANDEZ, JACINTO, MX
[72] RAMOS CORZO, VERONICA, MX
[72] CEDILLO RAMIREZ, JUAN CARLOS, MX
[73] INSTITUTO MEXICANO DEL PETROLEO, MX
[86] (2872381)
[87] (2872381)
[22] 2014-11-26
[30] MX (MX/A/2013/014351) 2013-12-06

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[13] C
[51] **Int.Cl. F25B 47/02 (2006.01) F24F 13/00 (2006.01) F25D 21/02 (2006.01)**
[25] EN
[54] **DEFROST OPERATION MANAGEMENT**
[54] **GESTION D'OPERATION DE DEGLACAGE**
[72] QU, YI, US
[72] HREJSA, PETE, US
[73] LENNOX INDUSTRIES INC., US
[86] (2872582)
[87] (2872582)
[22] 2014-11-26
[30] US (14/091,887) 2013-11-27

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[13] C
[51] **Int.Cl. B01F 5/06 (2006.01) C02F 1/32 (2006.01)**
[25] EN
[54] **MIXING DEVICE FOR OPEN-CHANNEL UV WATER TREATMENT PLANTS**
[54] **DISPOSITIF DE MELANGE POUR DES INSTALLATIONS DE TRAITEMENT DE L'EAU PAR UV PRESENTANT UN CONDUIT OUVERT**
[72] MORNINGSTAR, LEROY JACK, JR., US
[72] KAMMERER, SVEN, DE
[73] XYLEM WATER SOLUTIONS HERFORD GMBH, DE
[85] 2014-11-03
[86] 2013-03-06 (PCT/EP2013/000653)
[87] (WO2013/164048)
[30] DE (10 2012 008 732.2) 2012-05-04

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[13] C
[51] **Int.Cl. G07C 5/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR VEHICLE MONITORING**
[54] **PROCEDE ET SYSTEME POUR SURVEILLANCE DE VEHICULE**
[72] ATHERTON, LEE MICHAEL, US
[73] ASSETWORKS, INC., US
[86] (2874286)
[87] (2874286)
[22] 2014-12-11
[30] US (61/914,530) 2013-12-11

[11] **2,874,615**
[13] C
[51] **Int.Cl. G02F 1/31 (2006.01) G02B 6/35 (2006.01) G02B 6/42 (2006.01) G02F 1/1333 (2006.01) G02F 1/139 (2006.01) H04Q 11/00 (2006.01)**
[25] EN
[54] **HIGH POWER OPTICAL SWITCH**
[54] **COMMUTATEUR OPTIQUE DE GRANDE PUISSANCE**
[72] SMITH, IRL W., US
[72] DORSCHNER, TERRY A., US
[73] RAYTHEON COMPANY, US
[85] 2014-11-20
[86] 2013-05-24 (PCT/US2013/042641)
[87] (WO2013/177511)
[30] US (61/651,292) 2012-05-24

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[51] **Int.Cl. H01T 13/34 (2006.01) F23Q 3/00 (2006.01)**
[25] EN
[54] **IMPROVED HIGH ENERGY IGNITION SPARK IGNITER**
[54] **ALLUMEUR A ETINCELLE AMELIORE A HAUTE ENERGIE**
[72] STRONG, ANDREW H., US
[72] KELLY, EWEN M., US
[73] JOHN ZINK COMPANY, LLC, US
[86] (2875267)
[87] (2875267)
[22] 2014-12-17
[30] US (61/920,812) 2013-12-26
[30] US (14/566,551) 2014-12-10

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[13] C
[51] **Int.Cl. G03G 15/08 (2006.01)**
[25] EN
[54] **POWDER CONTAINER AND IMAGE FORMING APPARATUS**
[54] **RECIPIENT A POUDRE ET APPAREIL DE FORMATION D'IMAGE**
[72] HOSOKAWA, HIROSHI, JP
[72] KAI, TSUKURU, JP
[72] MATSUMOTO, JUNICHI, JP
[72] KOMATSU, MAKOTO, JP
[72] HAYAKAWA, TADASHI, JP
[72] OZAWA, YUZURU, JP
[72] TAMAKI, SHINJI, JP
[72] KIKUCHI, KENJI, JP
[73] RICOH COMPANY, LIMITED, JP
[85] 2014-12-01
[86] 2013-06-03 (PCT/JP2013/065901)
[87] (WO2013/183782)
[30] JP (2012-126637) 2012-06-03
[30] JP (2012-126642) 2012-06-03
[30] JP (2013-092765) 2013-04-25
[30] JP (2013-092938) 2013-04-25

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[13] C
[51] **Int.Cl. E21D 20/00 (2006.01) E21B 7/02 (2006.01)**
[25] EN
[54] **ROCK BOLTING MACHINE AND APPARATUS**
[54] **MACHINE A BOULONNAGE DE TOIT ET APPAREIL**
[72] VOGEL, TRAVIS, CA
[72] BJARNASON, TYRELL, CA
[72] PLETZ, MICHAEL, CA
[72] STILBORN, MITCH, CA
[73] BRANDT ENGINEERED PRODUCTS LTD., CA
[86] (2875511)
[87] (2875511)
[22] 2014-12-22
[30] CA (2841506) 2014-02-04
[30] CA (2815885) 2014-02-04
[30] CA (2866044) 2014-10-06

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[11] **2,875,994**
[13] C
[51] **Int.Cl. A47L 13/22 (2006.01)**
[25] EN
[54] **FLOOR CLEANING APPLIANCE HAVING DISPOSABLE FLOOR SHEETS AND METHOD OF CLEANING A FLOOR THEREWITH**
[54] **APPAREIL DE NETTOYAGE DE SOL POSSEDANT DES FEUILLES POUR SOL JETABLES ET PROCEDE DE NETTOYAGE D'UN SOL A L'AIDE DE CELUI-CI**
[72] POLICICCHIO, NICOLA JOHN, US
[72] SCHOLTEN, JEFF, US
[72] WHITE, JOE, US
[73] THE PROCTER & GAMBLE COMPANY, US
[73] BISSELL HOMECARE, INC., US
[85] 2014-12-04
[86] 2013-06-04 (PCT/US2013/044059)
[87] (WO2013/188170)
[30] US (13/487,696) 2012-06-04

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[11] **2,876,317**
[13] C
[51] **Int.Cl. A61M 5/36 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DETECTION AND MANAGEMENT OF AIR-IN-LINE**
[54] **METHODE ET APPAREIL DE DETECTION ET DE GESTION DE PRESENCE D'AIR DANS UNE TUBULURE**
[72] BROWNE, AIDAN, US
[72] JURETICH, JEFFERY T., US
[72] GUPTA, RAMJI, US
[72] MARTEL, DANIEL A., US
[73] ZEVEX, INC., US
[85] 2014-12-10
[86] 2013-06-19 (PCT/US2013/046594)
[87] (WO2014/004216)
[30] US (13/531,554) 2012-06-24

[11] **2,877,107**
[13] C
[51] **Int.Cl. F02D 29/02 (2006.01) F02D 17/00 (2006.01) F16F 15/02 (2006.01)**
[25] EN
[54] **ENGINE-MOUNTED CONTROLLER, AND VEHICLE**
[54] **DISPOSITIF DE COMMANDE MONTE SUR MOTEUR, ET VEHICULE**
[72] OKAMOTO, HIDEYUKI, JP
[72] YONE, TATSUHIRO, JP
[73] HONDA MOTOR CO., LTD., JP
[85] 2014-12-17
[86] 2014-04-24 (PCT/JP2014/061517)
[87] (WO2014/185244)
[30] JP (2013-102993) 2013-05-15

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[11] **2,877,309**
[13] C
[51] **Int.Cl. E21B 34/14 (2006.01) E21B 41/00 (2006.01) E21B 47/12 (2012.01)**
[25] EN
[54] **REMOTE AND MANUALLY ACTUATED WELL TOOL**
[54] **OUTIL DE PUITS ACTIONNE A DISTANCE ET MANUELLEMENT**
[72] NAPIER, RORY ARCHIBALD, GB
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-12-18
[86] 2012-06-26 (PCT/EP2012/062391)
[87] (WO2014/000777)

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[11] **2,877,391**
[13] C
[51] **Int.Cl. C04B 41/45 (2006.01) B01J 13/00 (2006.01) C08J 9/35 (2006.01) C08J 9/40 (2006.01) F16L 59/02 (2006.01)**
[25] EN
[54] **SEGMENTED GEL COMPOSITES AND RIGID PANELS MANUFACTURED THEREFROM**
[54] **COMPOSITES DE GEL SEGMENTES ET PANNEAUX RIGIDES FABRIQUES A PARTIR DE CEUX-CI**
[72] EVANS, OWEN R, US
[72] MELNIKOVA, IRENE, US
[73] ASPEN AEROGELS, INC., US
[85] 2014-12-18
[86] 2013-08-09 (PCT/US2013/054289)
[87] (WO2014/026088)
[30] US (61/682,198) 2012-08-10
[30] US (13/800,551) 2013-03-13

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[11] **2,877,484**
[13] C
[51] **Int.Cl. H04B 7/26 (2006.01) H04W 28/16 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR TRANSRECEIVING OPERATING CHANNEL INFORMATION IN WIRELESS COMMUNICATION SYSTEM**
[54] **PROCEDE ET APPAREIL D'EMISSION/RECEPTION D'INFORMATIONS DE CANAL DE FONCTIONNEMENT DANS UN SYSTEME DE COMMUNICATION SANS FIL**
[72] SEOK, YONGHO, KR
[73] LG ELECTRONICS INC., KR
[85] 2014-12-19
[86] 2012-10-16 (PCT/KR2012/008433)
[87] (WO2014/010786)
[30] US (61/669,656) 2012-07-09

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[11] **2,878,552**
[13] C
[51] **Int.Cl. E21B 34/12 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **DOWNHOLE SLEEVE SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE MANCHON FOND DE TROU**
[72] KING, JAMES G., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2015-01-07
[86] 2013-06-10 (PCT/US2013/044904)
[87] (WO2014/011336)
[30] US (13/545,605) 2012-07-10

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[13] C
[51] **Int.Cl. A01N 25/14 (2006.01) A01N 25/00 (2006.01) A01N 25/12 (2006.01) A01N 47/18 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **WATER DISPERSIBLE GRANULE, AND METHOD FOR PRODUCING SAME**
[54] **GRANULE HYDRODISPERSIBLE ET SON PROCEDE DE PRODUCTION**
[72] ENDO, YOSHIHISA, JP
[72] MAEKAWA, TAKAHIRO, JP
[73] NIPPON SODA CO., LTD., JP
[85] 2015-01-07
[86] 2013-07-09 (PCT/JP2013/068744)
[87] (WO2014/013908)
[30] JP (2012-160820) 2012-07-19

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[13] C
[51] **Int.Cl. F16L 33/03 (2006.01) B65D 63/00 (2006.01) F16B 2/06 (2006.01)**
[25] EN
[54] **BANDING STRAP**
[54] **ATTACHE DE CERCLAGE**
[72] COMANIUK, PAUL, CA
[72] COMANIUK, RYAN, CA
[72] DNESTRIANSCHII, LUCIEN, CA
[72] MARCOS, JOSEPH B., CA
[73] KWIK BANDIT INC., CA
[85] 2015-01-12
[86] 2013-07-02 (PCT/CA2013/050511)
[87] (WO2014/012178)
[30] CA (2783353) 2012-07-16

[11] **2,879,389**
[13] C
[51] **Int.Cl. C08G 77/388 (2006.01) A61K 8/898 (2006.01) C08G 77/452 (2006.01)**
[25] EN
[54] **ORGANOPOLYSILOXANE POLYMERS**
[54] **POLYMERES ORGANOPOLYSILOXANES**
[72] SMITH, STEVEN DARYL, US
[72] MCCHAIN, ROBERT JOSEPH, US
[72] GIZAW, YONAS, US
[72] PANANDIKER, RAJAN KESHAV, US
[72] BARRERA, CAROLA, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-01-15
[86] 2013-07-29 (PCT/US2013/052588)
[87] (WO2014/018986)
[30] US (61/676,744) 2012-07-27
[30] US (61/763,066) 2013-02-11

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[11] **2,880,171**
[13] C
[51] **Int.Cl. H04W 48/12 (2009.01) H04W 48/16 (2009.01) H04W 48/18 (2009.01)**
[25] EN
[54] **COMMUNICATION SYSTEM, NODE APPARATUS, COMMUNICATION METHOD AND PROGRAM**
[54] **SYSTEME DE COMMUNICATION, APPAREIL DE N□UD, PROCEDE ET PROGRAMME**
[72] TAMURA, TOSHIYUKI, JP
[72] TAKANO, YUSUKE, JP
[73] NEC CORPORATION, JP
[85] 2015-01-26
[86] 2013-07-26 (PCT/JP2013/070319)
[87] (WO2014/017630)
[30] JP (2012-167234) 2012-07-27

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[11] **2,880,254**
[13] C
[51] **Int.Cl. H04N 21/45 (2011.01) H04N 21/478 (2011.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR PROCESSING AN INTERACTIVE SERVICE**
[54] **APPAREIL ET PROCEDE DE TRAITEMENT D'UN SERVICE INTERACTIF**
[72] OH, SEJIN, KR
[72] KIM, JINPIL, KR
[72] AN, SEUNGJOO, KR
[72] LEE, JINWON, KR
[72] KIM, KYUNGHO, KR
[72] MOON, KYOUNGSOO, KR
[73] LG ELECTRONICS INC., KR
[85] 2015-01-27
[86] 2013-08-28 (PCT/KR2013/007722)
[87] (WO2014/042368)
[30] US (61/700,310) 2012-09-12
[30] US (61/703,749) 2012-09-20

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[11] **2,880,345**
[13] C
[51] **Int.Cl. G06F 11/36 (2006.01)**
[25] EN
[54] **HIT TESTING METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL D'ESSAI DE CONTACT**
[72] YU, YANG, CN
[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2015-01-27
[86] 2013-08-02 (PCT/CN2013/080730)
[87] (WO2014/023193)
[30] CN (201210280078.4) 2012-08-08

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[11] **2,880,944**
[13] C
[51] **Int.Cl. E21B 43/10 (2006.01) E21B 7/04 (2006.01) E21B 43/08 (2006.01)**
[25] EN
[54] **OPEN HOLE EXPANDABLE JUNCTION**
[54] **JONCTION EXTENSIBLE A TROU OUVERT**
[72] BARKER, RONALD GORDON, US
[72] FARLEY, DOUGLAS BRIAN, US
[72] HOGG, WILLIAM CLIFFORD, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2880944)
[87] (2880944)
[22] 2015-02-05
[30] US (61/937,053) 2014-02-07

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[11] **2,881,141**
[13] C
[51] **Int.Cl. H04N 13/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR TRANSCEIVING IMAGE COMPONENT FOR 3D IMAGE**
[54] **PROCEDE ET APPAREIL D'EMISSION/RECEPTION DE COMPOSANTE D'IMAGE POUR IMAGE 3D**
[72] CHOE, JEEHYUN, KR
[72] SUH, JONGYEUL, KR
[73] LG ELECTRONICS INC., KR
[85] 2015-02-05
[86] 2013-08-12 (PCT/KR2013/007226)
[87] (WO2014/025239)
[30] US (61/681,633) 2012-08-10

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[11] **2,881,294**
[13] C
[51] **Int.Cl. A61M 5/162 (2006.01) A61M 39/02 (2006.01) A61M 39/10 (2006.01)**
[25] EN
[54] **SPLIT SEPTUM ASSEMBLY FOR AN INTRAVENOUS INJECTION SITE**
[54] **ENSEMBLE SEPTUM DIVISE POUR POINT D'INJECTION INTRAVEINEUSE**
[72] WINSOR, CHRIS, US
[73] NEXUS MEDICAL, LLC, US
[86] (2881294)
[87] (2881294)
[22] 2015-02-05
[30] US (61/937,804) 2014-02-10
[30] US (14/613,561) 2015-02-04

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[11] **2,881,625**
[13] C
[51] **Int.Cl. E21B 21/01 (2006.01) E21B 7/24 (2006.01) E21B 43/34 (2006.01)**
[25] EN
[54] **A METHOD AND APPARATUS FOR DRILLING AND COMPLETION FLUID SEPARATION**
[54] **PROCEDE ET APPAREIL POUR SEPARATION DE FLUIDE DE FORAGE ET DE COMPLETION**
[72] HALL, JOHN ADRIAN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-02-10
[86] 2013-07-29 (PCT/US2013/052561)
[87] (WO2014/025567)
[30] US (13/572,299) 2012-08-10

[11] **2,881,786**
[13] C
[51] **Int.Cl. B61K 3/00 (2006.01)**
[25] EN
[54] **GAUGE FACE LUBRICATION**
[54] **LUBRIFICATION DE FACE DE GABARIT DE VOIE**
[72] POWELL, WARD, US
[72] SCHNORR, CHARLES H.,III, US
[72] PETRIE, CHARLES, US
[72] REDFIELD, MATTHEW, US
[73] L.B. FOSTER RAIL TECHNOLOGIES, INC., US
[85] 2015-02-11
[86] 2013-08-23 (PCT/CA2013/050654)
[87] (WO2014/029028)
[30] US (13/593,189) 2012-08-23

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[11] **2,882,033**
[13] C
[51] **Int.Cl. H04W 8/18 (2009.01)**
[25] EN
[54] **DATA ACCESS METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF D'ACCES A DES DONNEES**
[72] WANG, YANPING, CN
[72] XUE, ZITAO, CN
[73] ZTE CORPORATION, CN
[85] 2015-02-11
[86] 2013-06-21 (PCT/CN2013/077714)
[87] (WO2014/026505)
[30] CN (201210294823.0) 2012-08-17

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[11] **2,883,937**
[13] C
[51] **Int.Cl. H02M 7/10 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ASSEMBLING A VOLTAGE AMPLIFIER**
[54] **SYSTEME ET PROCEDE PERMETTANT D'ASSEMBLER UN AMPLIFICATEUR DE TENSION**
[72] GORRELL, BRIAN EARL, US
[72] BALTZ, JAMES PAUL, US
[73] FINISHING BRANDS HOLDINGS INC., US
[85] 2015-03-03
[86] 2013-08-13 (PCT/US2013/054800)
[87] (WO2014/042805)
[30] US (61/701,285) 2012-09-14
[30] US (13/964,841) 2013-08-12

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[11] **2,884,513**
[13] C
[51] **Int.Cl. A61B 6/00 (2006.01) A61B 6/06 (2006.01) A61B 6/08 (2006.01) G03B 42/02 (2006.01)**
[25] EN
[54] **ADJUSTABLE DYNAMIC FILTER**
[54] **FILTRE DYNAMIQUE REGLABLE**
[72] MILLER, ZACHARY A., US
[73] MILLER, ZACHARY A., US
[85] 2015-03-11
[86] 2013-09-11 (PCT/US2013/059238)
[87] (WO2014/043217)
[30] US (13/609,362) 2012-09-11

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[11] **2,884,674**
[13] C
[51] **Int.Cl. B24B 19/14 (2006.01) B24B 19/26 (2006.01) B24B 27/00 (2006.01)**
[25] EN
[54] **METHOD FOR THE AUTOMATED SURFACE TREATMENT OF A PROFILED LARGE COMPONENT OF A WIND TURBINE, TREATMENT DEVICE AND TREATMENT SYSTEM**
[54] **PROCEDE AUTOMATISE D'USINAGE DE SURFACE D'UN ELEMENT PROFILE DE GRANDE DIMENSION, INSTALLATION EOLIENNE, DISPOSITIF D'USINAGE ET SYSTEME D'USINAGE**
[72] HEILIG, TOBIAS, DE
[72] JANSSEN, INGO, DE
[72] WOLF, ERNST-JURGEN, DE
[73] WOBBEN PROPERTIES GMBH, DE
[85] 2015-03-10
[86] 2013-10-10 (PCT/EP2013/071213)
[87] (WO2014/057061)
[30] DE (102012019989.9) 2012-10-12
[30] DE (102013210582.7) 2013-06-06

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[13] C
[51] **Int.Cl. G01R 15/18 (2006.01) G01R 27/02 (2006.01) H02J 3/10 (2006.01) H03H 7/00 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES FOR AC CURRENT SOURCES, PRECISION CURRENT TRANSDUCERS AND DETECTORS**
[54] **METHODES ET DISPOSITIFS SERVANT AUX SOURCES DE COURANT CA, TRANSDUCTEURS DE COURANT DE PRECISION ET DETECTEURS**
[72] MILJANIC, PETAR N., RS
[72] BARCZYK, TOMASZ, CA
[73] GUILDLINE INSTRUMENTS LIMITED, CA
[86] (2885445)
[87] (2885445)
[22] 2015-03-20
[30] US (61/968,557) 2014-03-21

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[11] **2,886,288**
[13] C
[51] **Int.Cl. C08F 297/08 (2006.01) C08F 4/80 (2006.01) C08F 232/08 (2006.01)**
[25] EN
[54] **SELF-ASSEMBLING POLYMERS - I**
[54] **POLYMERES AUTOASSEMBLANT - I**
[72] AAMER, KHALED ABDEL-HAKIM HELMY, US
[73] PALL CORPORATION, US
[86] (2886288)
[87] (2886288)
[22] 2015-03-26
[30] US (14/292,376) 2014-05-30

[11] **2,886,942**
[13] C
[51] **Int.Cl. G01M 11/08 (2006.01) G01B 11/16 (2006.01)**
[25] EN
[54] **A MONITORING DEVICE, SYSTEM AND METHOD FOR THE MONITORING OF AN AREA OF BUILDING OR LAND, USING AT LEAST ONE LIGHT WAVEGUIDE**
[54] **DISPOSITIF DE SURVEILLANCE, SYSTEME ET PROCEDE DE SURVEILLANCE D'UNE ZONE DE CONSTRUCTION OU TERRAIN EN UTILISANT AU MOINS UN GUIDE D'ONDE LUMINEUX**
[72] HODAC, BERNARD, FR
[73] OSMOS SA, FR
[85] 2015-04-01
[86] 2012-02-09 (PCT/IB2012/000732)
[87] (WO2013/117954)

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[13] C
[51] **Int.Cl. A61B 17/88 (2006.01) A61B 17/72 (2006.01) A61B 17/86 (2006.01)**
[25] EN
[54] **TORQUE DRIVERS FOR HEADLESS THREADED COMPRESSION FASTENERS**
[54] **TOURNEVIS DYNAMOMETRIQUES POUR ELEMENT DE FIXATION PAR COMPRESSION FILETE SANS TETE**
[72] WONG, KIAN-MING, US
[72] LOWERY, GARY, US
[72] ARMACOST, SCOTT A., US
[73] WRIGHT MEDICAL TECHNOLOGY, INC., US
[85] 2015-04-08
[86] 2014-10-06 (PCT/US2014/059318)
[87] (2887572)

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[13] C
[51] **Int.Cl. B32B 27/00 (2006.01) B32B 7/00 (2006.01) E01C 7/35 (2006.01)**
[25] EN
[54] **COMPOSITE TACK FILM**
[54] **FILM COLLANT COMPOSITE**
[72] YU, TAO, US
[72] WANG, FEI, US
[73] SAINT-GOBAIN ADFORS CANADA, LTD., US
[85] 2015-04-15
[86] 2013-10-18 (PCT/US2013/065693)
[87] (WO2014/063056)
[30] US (61/716,043) 2012-10-19

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[11] **2,888,762**
[13] C
[51] **Int.Cl. E21B 17/046 (2006.01) E21B 19/16 (2006.01)**
[25] EN
[54] **APPARATUS, SYSTEM AND METHOD FOR CIRCUMFERENTIALLY ORIENTING A DOWNHOLE LATCH SUBSYSTEM**
[54] **APPAREIL, SYSTEME ET PROCEDE D'ORIENTATION CIRCONFERENTIELLE D'UN SOUS-SYSTEME DE VERROUILLAGE DE FOND DE TROU**
[72] STEELE, DAVID JOE, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-04-17
[86] 2012-11-29 (PCT/US2012/066951)
[87] (WO2014/084823)

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[13] C
[51] **Int.Cl. C08K 5/07 (2006.01) C08F 2/38 (2006.01) C08F 2/40 (2006.01)**
[25] EN
[54] **QUINONE COMPOUNDS FOR INHIBITING MONOMER POLYMERIZATION**
[54] **COMPOSES DE QUINONE POUR L'INHIBITION DE LA POLYMERISATION DE MONOMERES**
[72] MO, HUA, US
[72] METZLER, ROGER D., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2015-04-21
[86] 2013-10-14 (PCT/US2013/064857)
[87] (WO2014/066086)
[30] US (13/660,488) 2012-10-25

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[13] C
[51] **Int.Cl. C08F 297/06 (2006.01) C08F 4/80 (2006.01) C08F 8/04 (2006.01) C08J 5/18 (2006.01) C08L 53/00 (2006.01)**
[25] EN
[54] **SELF-ASSEMBLING POLYMERS - II**
[54] **POLYMERES AUTOASSEMBLANT - II**
[72] AAMER, KHALED ABDEL-HAKIM HELMY, US
[73] PALL CORPORATION, US
[86] (2889437)
[87] (2889437)
[22] 2015-04-24
[30] US (14/292,611) 2014-05-30

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[11] **2,889,460**
[13] C
[51] **Int.Cl. B65G 47/52 (2006.01)**
[25] EN
[54] **PALLET STACKER CONVEYOR**
[54] **COURROIE DE TRANSPORT D'EMPILEUR DE PALETTES**
[72] HILGENDROF, DENNIS J., US
[73] HILGENDROF, DENNIS J., US
[86] (2889460)
[87] (2889460)
[22] 2015-04-30
[30] US (14/292,899) 2014-05-31

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[11] **2,889,523**
[13] C
[51] **Int.Cl. C09K 8/36 (2006.01)**
[25] EN
[54] **WELLBORE SERVICING COMPOSITIONS AND METHODS OF MAKING AND USING SAME**
[54] **COMPOSITIONS D'ENTRETIEN DE PUITS DE FORAGE ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] GAMAGE, PUBUDU HASANKA, US
[72] DEVILLE, JAY PAUL, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-04-23
[86] 2013-09-25 (PCT/US2013/061708)
[87] (WO2014/070340)
[30] US (13/664,259) 2012-10-30

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[11] **2,889,580**
[13] C
[51] **Int.Cl. C08F 297/06 (2006.01) C08F 4/80 (2006.01) C08J 5/18 (2006.01) C08L 53/00 (2006.01)**
[25] EN
[54] **SELF-ASSEMBLING POLYMERS - III**
[54] **POLYMERES AUTOASSEMBLANT - III**
[72] AAMER, KHALED ABDEL-HAKIM HELMY, US
[73] PALL CORPORATION, US
[86] (2889580)
[87] (2889580)
[22] 2015-04-24
[30] US (14/292,722) 2014-05-30

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[11] **2,889,676**
[13] C
[51] **Int.Cl. B60B 19/00 (2006.01) A63B 55/60 (2015.01) B60B 1/00 (2006.01)**
[25] EN
[54] **COLLAPSIBLE WHEELS AND METHODS OF MAKING COLLAPSIBLE WHEELS**
[54] **ROUES PLIABLES ET PROCEDES DE FABRICATION DE ROUES PLIABLES**
[72] SOLHEIM, JOHN A., US
[72] COLE, ERIC V., US
[73] KARSTEN MANUFACTURING CORPORATION, US
[85] 2015-04-27
[86] 2013-10-25 (PCT/US2013/066843)
[87] (WO2014/070609)
[30] US (61/719,634) 2012-10-29

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[13] C
[51] **Int.Cl. F04D 29/10 (2006.01) F04D 13/08 (2006.01)**
[25] EN
[54] **HIGH TEMPERATURE RADIAL BEARING FOR ELECTRICAL SUBMERSIBLE PUMP ASSEMBLY**
[54] **PALIER RADIAL A TEMPERATURE ELEVEE POUR ENSEMBLE POMPE SUBMERSIBLE ELECTRIQUE**
[72] KNAPP, JOHN M., US
[73] BAKER HUGHES INCORPORATED, US
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[54] **METHODS AND SYSTEM FOR CONTROLLING A LINEAR MOTOR FOR A DEEP WELL OIL PUMP**
[54] **PROCEDES ET SYSTEME DE COMMANDE D'UN MOTEUR LINEAIRE POUR POMPE A PETROLE DE PUITS PROFOND**
[72] CARDAMONE, DAVID P., US
[72] DEIRMENGIAN, CARL R., US
[72] KEOHANE, EUGENE F., US
[72] KINNAMAN, BENJAMIN W., US
[73] MOOG INC., US
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[25] EN
[54] **SUSPENSION AND COMPRESSION COIL SPRING FOR SUSPENSION**
[54] **DISPOSITIF DE SUSPENSION ET RESSORT DE COMPRESSION HELICOIDAL POUR DISPOSITIF DE SUSPENSION**
[72] YAMAMOTOYA, KENJI, IN
[72] ENOMOTO, HIDETO, JP
[72] TAKAHASHI, KEN, JP
[72] SATO, TOSHIAKI, JP
[72] SUGIYAMA, MITSUHIRO, JP
[72] KOBAYASHI, YOSHIO, JP
[72] INAGE, TAICHI, JP
[72] KATO, TOMOTAKE, JP
[72] NISHIKAWA, AKIHIKO, JP
[72] UMEZAWA, MASAHIRO, JP
[72] AYADA, MICHIHIKO, JP
[72] KAJIGAYA, SUGURU, JP
[73] NHK SPRING CO., LTD., JP
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[54] **DISSOLVABLE TOOL AND METHOD OF DISSOLVING SAME**
[54] **OUTIL SOLUBLE ET PROCEDE DE DISSOLUTION DE CELUI-CI**
[72] MAILAND, JASON C., US
[72] JOHNSON, CHARLES C., US
[72] KITZMAN, JEFFERY D., US
[73] BAKER HUGHES INCORPORATED, US
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[54] **CONDUIT SLEEVE WITH DETACHABLE END CAP**
[54] **MANCHON DE CONDUIT DOTE D'UN BOUCHON D'EXTREMITE DETACHABLE**
[72] DRANE, MARK R., US
[73] THOMAS & BETTS INTERNATIONAL, LLC, US
[86] (2891271)
[87] (2891271)
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[54] **CASING MANIPULATION ASSEMBLY WITH HYDRAULIC TORQUE LOCKING MECHANISM**
[54] **ENSEMBLE DE MANIPULATION D'ENVELOPPE AVEC MECANISME DE VERROUILLAGE DE COUPLE HYDRAULIQUE**
[72] HART, DANIEL R., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2015-05-12
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[25] EN
[54] **SPECIMEN PROCESSING SYSTEMS AND METHODS FOR HOLDING SLIDES**
[54] **SYSTEMES DE TRAITEMENT D'ECHANTILLON ET PROCEDES POUR MAINTIEN DE LAMES PORTE-OBJETS**
[72] MARSHALL, KEVIN DAVID, US
[72] HARRISON, JOSHUA DAVID KENNETH, US
[72] KETTERER, MATTHEW, US
[72] KRAM, BRIAN HOWARD, US
[73] VENTANA MEDICAL SYSTEMS, INC., US
[85] 2015-05-13
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[54] **A METHOD OF USING A WORK STRING HAVING A SWIVEL**
[54] **UNE METHODE D'UTILISATION D'UNE COLONNE DE TRAVAIL COMPORTANT UN PIVOT**
[72] BARANNIKOW, IVAN ANDRE, US
[72] FARLEY, DOUGLAS BRIAN, US
[72] DUDOCHKIN, EGOR, US
[72] ROSENBERG, STEVEN MICHAEL, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2891579)
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[30] US (61/994,629) 2014-05-16
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[25] EN
[54] **METHOD AND APPARATUS FOR CHARGING A BATTERY USING MULTIPLE CHARGING SOURCES**
[54] **PROCEDE ET APPAREIL DE CHARGE D'UNE BATTERIE A L'AIDE DE MULTIPLES SOURCES DE CHARGE**
[72] HERRMANN, JOHN E., US
[72] HERRMANN, AMY T., US
[72] KERFOOT, ROY L., US
[72] LOUIE, EDMOND, US
[73] MOTOROLA SOLUTIONS, INC., US
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[54] **CORD-SHAPED HEATER AND SHEET-SHAPED HEATER**
[54] **CORPS DE CHAUFFE EN FORME DE CORDON ET CORPS DE CHAUFFE EN FORME DE FEUILLE**
[72] HASE, YASUHIRO, JP
[72] OBA, MOTOYUKI, JP
[72] SUZUKI, TADAO, JP
[72] OTA, TOMOYA, JP
[73] KURABE INDUSTRIAL CO., LTD., JP
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[25] EN
[54] **IMPROVED EFFICIENCY PILOT BURNER SYSTEM FOR WATER HEATERS**
[54] **SYSTEME A BRULEUR PILOTE A EFFICACITE AMELIOREE POUR CHAUFFE-EAU**
[72] BOROS, JOZEF, US
[72] RAO, ASHWIN, US
[72] THENAPPAN, SUBBRAMANIAN, US
[72] GIBBONS, DAVID L., US
[73] RHEEM MANUFACTURING COMPANY, US
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[54] **STRAIN SENSING CABLE**
[54] **CABLE A DETECTION DE DEFORMATION**
[72] LAMBERT, CHRISTOPHER, US
[72] BALAGOPAL, AJIT, US
[72] IVASAUSKAS, JONAS, US
[73] BAKER HUGUES INCORPORATED, US
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[86] 2013-11-01 (PCT/US2013/068060)
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[25] EN
[54] **SINGLE SERVE CAPSULE FOR PRODUCING A COFFEE BEVERAGE WITHOUT CREMA**
[54] **CAPSULE POUR PREPARER UNE BOISSON AU CAFE SANS CREME**
[72] EMPL, GUNTER, DE
[72] EPPLER, WOLFGANG, DE
[72] THROM, ANDRE, DE
[73] K-FEE SYSTEM GMBH, DE
[85] 2015-05-26
[86] 2013-11-25 (PCT/EP2013/074651)
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[25] EN
[54] **TREATMENT OF FINE TAILINGS**
[54] **TRAITEMENT DE REFUS DE CRIBLE FINS**
[72] ADKINS, STEPHEN, GB
[73] BASF SE, DE
[85] 2015-05-27
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[25] EN
[54] **SWITCHING STAGE, ENERGY CONVERSION CIRCUIT, AND CONVERSION STAGE FOR WIND TURBINES COMPRISING THE ENERGY CONVERSION CIRCUIT**
[54] **ETAGE DE COMMUTATION, CIRCUIT DE CONVERSION D'ENERGIE ET ETAGE DE CONVERSION POUR EOLIENNES COMPRENANT CE CIRCUIT DE CONVERSION D'ENERGIE**
[72] ZABALETA MAEZTU, MIKEL, ES
[72] LOPEZ TABERNA, JESUS, ES
[72] BURGUETE ARCHEL, EDUARDO, ES
[73] INGETEAM POWER TECHNOLOGY, S.A., ES
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[54] **DEVICE AND METHOD FOR COOLING ROLLED STOCK**
[54] **DISPOSITIF ET PROCEDE DE REFROIDISSEMENT D'UN PRODUIT LAMINE**
[72] BREUER, MICHAEL, DE
[72] GRAMER, ANDREAS, DE
[72] ALKEN, JOHANNES, DE
[72] MATHWEIS, DIETRICH, DE
[72] ZETZSCHE, HEIKO, DE
[73] SMS GROUP GMBH, DE
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[54] **MRI COMPATIBLE HANDLE AND STEERABLE SHEATH**
[54] **POIGNEE COMPATIBLE AVEC L'IRM ET GAINE ORIENTABLE**
[72] STENZEL, GREGG S., US
[72] WEDAN, STEVEN R., US
[72] PAGE, DOUGLAS A., US
[72] LLOYD, THOMAS W., US
[72] KALTHOFF, JAMES ALAN, US
[72] BRUTLAG, BRYAN A., US
[73] IMRICOR MEDICAL SYSTEMS, INC., US
[85] 2015-06-10
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[54] **HIGH PRESSURE LOCK ASSEMBLY**
[54] **ENSEMBLE DE VERROUILLAGE HAUTE PRESSION**
[72] BLACK, STEVEN S., US
[73] BAKER HUGHES INCORPORATED, US
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[25] EN
[54] **TEMPERATURE ADJUSTED ANALYTE DETERMINATION FOR BIOSENSOR SYSTEMS**
[54] **DETERMINATION D'ANALYTE AJUSTEE A UNE TEMPERATURE POUR DES SYSTEMES BIOCAPTEURS**
[72] WU, HUAN-PING, US
[72] NELSON, CHRISTINE D., US
[73] ASCENSIA DIABETES CARE HOLDINGS AG, CH
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[87] (2895958)
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[54] LIGHT SOURCE DEVICE AND PROJECTOR USING THE SAME
[54] DISPOSITIF DE SOURCE LUMINEUSE ET PROJECTEUR UTILISANT CELUI-CI
[72] MAEDA, IKUO, JP
[72] FUJITA, KAZUHIRO, JP
[72] MURAI, TOSHIHARU, JP
[72] TAKAHASHI, TATSUYA, JP
[72] NISHIMORI, TAKEHIRO, JP
[73] RICOH COMPANY, LTD., JP
[85] 2015-06-22
[86] 2013-12-24 (PCT/JP2013/085309)
[87] (WO2014/104385)
[30] JP (2012-282475) 2012-12-26
[30] JP (2013-182894) 2013-09-04

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[51] Int.Cl. E21B 21/08 (2006.01) E21B 43/22 (2006.01) E21B 49/00 (2006.01)
[25] EN
[54] METHODS AND COMPOSITIONS FOR TREATING SUBTERRANEAN FORMATIONS WITH INTERLOCKING LOST CIRCULATION MATERIALS
[54] PROCEDES ET COMPOSITIONS DE TRAITEMENT DE FORMATIONS SOUTERRAINES AU MOYEN DE COLMATANTS IMBRIQUES
[72] JAMISON, DALE E., US
[72] SAVARI, SHARATH, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-06-22
[86] 2014-02-10 (PCT/US2014/015537)
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[30] US (13/770,029) 2013-02-19

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[51] Int.Cl. E21B 17/046 (2006.01) E21B 31/00 (2006.01) E21B 33/12 (2006.01)
[25] EN
[54] LINER HANGER/PACKER APPARATUS WITH PRESSURE BALANCE FEATURE ON ANCHOR SLIPS TO FACILITATE REMOVAL
[54] APPAREIL DE SUSPENSION/GARNITURE DE COLONNE PERDUE AVEC FONCTIONNALITE D'EQUILIBRAGE DE PRESSION SUR LES COINS D'ANCRAGE POUR FACILITER L'ENLEVEMENT
[72] TOM, ANDY, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2015-06-25
[86] 2013-12-13 (PCT/US2013/074952)
[87] (WO2014/109868)
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[25] EN
[54] METHOD FOR LEACHING GOLD FROM GOLD ORE CONTAINING PYRITE
[54] PROCEDE POUR LA LIXIVIATION D'OR A PARTIR DE MINERAI D'OR CONTENANT DE LA PYRITE
[72] HATANO, KAZUHIRO, JP
[72] AOTO, YUKI, JP
[72] NAKAMURA, TAKESHI, JP
[73] JX NIPPON MINING & METALS CORPORATION, JP
[85] 2015-07-07
[86] 2013-04-10 (PCT/JP2013/060795)
[87] (WO2014/122803)
[30] JP (2013-022683) 2013-02-07

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[51] Int.Cl. C01B 33/035 (2006.01)
[25] EN
[54] POLYCRYSTALLINE SILICON DEPOSITION METHOD
[54] PROCEDE SERVANT A DEPOSER DU SILICIUM POLYCRISTALLIN
[72] KLOSE, GORAN, DE
[72] KRAUS, HEINZ, DE
[72] WEISS, TOBIAS, DE
[73] WACKER CHEMIE AG, DE
[85] 2015-07-14
[86] 2014-02-26 (PCT/EP2014/053734)
[87] (WO2014/146876)
[30] DE (102013204730.4) 2013-03-18

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[51] Int.Cl. C22B 11/00 (2006.01) C22B 3/04 (2006.01) C22B 3/24 (2006.01)
[25] EN
[54] METHOD OF ELUTING GOLD AND SILVER AND METHOD OF RECOVERING GOLD AND SILVER USING THE SAME
[54] PROCEDE D'ELUTION D'OR ET D'ARGENT ET PROCEDE DE RECUPERATION D'OR ET D'ARGENT L'UTILISANT
[72] HATANO, KAZUHIRO, JP
[72] KATSUKAWA, KOJI, JP
[72] ONO, EIKI, JP
[72] SANO, MASAKI, JP
[72] AOTO, YUKI, JP
[72] IMAGAWA, HARUE, JP
[73] JX NIPPON MINING & METALS CORPORATION, JP
[85] 2015-07-16
[86] 2013-02-28 (PCT/JP2013/055561)
[87] (WO2014/132419)

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[13] C
[51] **Int.Cl. C09K 8/80 (2006.01)**
[25] EN
[54] **RESIN COMPOSITION, COATED PARTICLES, INJECTION MATERIAL AND METHOD FOR INJECTING INJECTION MATERIAL INTO FRACTURE**
[54] **COMPOSITION DE RESINE, PARTICULES ENROBEES, MATERIEL D'INJECTION ET METHODE D'INJECTION DE MATERIEL DANS UNE FRACTURE**
[72] RAPPOLT, JAMES J., US
[72] SANTORELLI, MICHAEL, US
[72] MORI, MOTOKO, JP
[72] ASAMI, MASAKATSU, JP
[73] DUREZ CORPORATION, US
[73] SUMITOMO BAKELITE CO., LTD., JP
[85] 2015-07-16
[86] 2014-01-21 (PCT/JP2014/051156)
[87] (WO2014/115738)
[30] US (61/755,321) 2013-01-22

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[51] **Int.Cl. C07C 275/28 (2006.01) C07C 273/18 (2006.01)**
[25] EN
[54] **UREA DERIVATIVES AND THEIR USE AS FATTY-ACID BINDING PROTEIN (FABP) INHIBITORS**
[54] **DERIVES D'UREE ET LEURS UTILISATIONS EN TANT QU'INHIBITEURS DE LA PROTEINE DE LIAISON A UN ACIDE GRAS (FABP)**
[72] BUETTELMANN, BERND, DE
[72] CECCARELLI, SIMONA M., CH
[72] CONTE, AURELIA, CH
[72] KUEHNE, HOLGER, DE
[72] KUHN, BERND, CH
[72] NEIDHART, WERNER, CH
[72] OBST SANDER, ULRIKE, CH
[72] RICHTER, HANS, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2015-07-16
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[87] (WO2014/146995)
[30] EP (13160088.4) 2013-03-20

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[13] C
[51] **Int.Cl. C23C 22/86 (2006.01) C23C 22/34 (2006.01) C23C 22/36 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING A FERROUS METAL SUBSTRATE**
[54] **PROCEDES DE TRAITEMENT D'UN SUBSTRAT METALLIQUE FERREUX**
[72] VARGAS, RICHARD M., US
[72] MCINTYRE, JOHN F., US
[73] PPG INDUSTRIES OHIO, INC., US
[85] 2015-07-20
[86] 2014-02-28 (PCT/US2014/019348)
[87] (WO2014/137796)
[30] US (13/786,914) 2013-03-06

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[13] C
[51] **Int.Cl. F01D 15/10 (2006.01) B01D 46/00 (2006.01) F02C 7/12 (2006.01) H02K 7/18 (2006.01)**
[25] EN
[54] **THROUGH FLOW VENTILATION SYSTEM FOR A POWER GENERATION TURBINE PACKAGE**
[54] **SYSTEME DE VENTILATION DE FLUX TRAVERSANT POUR ENSEMBLE TURBINE DE GENERATION DE COURANT**
[72] DAVIES, JAMES, GB
[72] DRURY, STEPHEN, GB
[72] WILDING, ANDREW, GB
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2015-07-22
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[30] EP (13155478.4) 2013-02-15

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[13] C
[51] **Int.Cl. E21B 34/12 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **MULTI-COMPONENT DIFFUSER ASSEMBLY**
[54] **ENSEMBLE DIFFUSEUR A MULTIPLES COMPOSANTS**
[72] NGUYEN, HAI, H., US
[72] AVANT, MARCUS A., US
[72] GUILLORY, JEREMY J., US
[72] LAUDERDALE, DONALD P., US
[72] ROSENBLATT, STEVE, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2015-07-23
[86] 2014-02-06 (PCT/US2014/015118)
[87] (WO2014/124148)
[30] US (13/763,370) 2013-02-08

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[13] C
[51] **Int.Cl. B65D 83/04 (2006.01) A61J 7/02 (2006.01)**
[25] EN
[54] **DISPENSING DEVICE**
[54] **DISPOSITIF DE DISTRIBUTION**
[72] TEGBORG, LARS, SE
[72] SPIRA, JACK, SE
[73] SENSIDOSE AB, SE
[85] 2015-07-23
[86] 2014-01-24 (PCT/GB2014/050188)
[87] (WO2014/114943)
[30] GB (1301370.1) 2013-01-25

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[13] C
[51] **Int.Cl. G10L 15/06 (2013.01)**
[25] EN
[54] **METHOD AND DEVICE FOR ACOUSTIC LANGUAGE MODEL TRAINING**
[54] **PROCEDE ET DISPOSITIF D'APPRENTISSAGE DE MODELE DE LANGAGE ACOUSTIQUE**
[72] LU, DULING, CN
[72] LI, LU, CN
[72] RAO, FENG, CN
[72] CHEN, BO, CN
[72] LU, LI, CN
[72] ZHANG, XIANG, CN
[72] WANG, ERYU, CN
[72] YUE, SHUAI, CN
[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
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[25] EN
[54] **FERROUS DISINTEGRABLE POWDER COMPACT, METHOD OF MAKING AND ARTICLE OF SAME**
[54] **POUDRE COMPACTE FERREUSE DESINTEGRABLE, PROCEDE DE FABRICATION ET ARTICLE DE CELLE-CI**
[72] XU, ZHIYUE, US
[72] ZHANG, ZHIHUI, US
[72] XU, YINGQING, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2015-07-29
[86] 2014-01-29 (PCT/US2014/013567)
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[25] EN
[54] **VENDOR TRAY AND METHOD FOR VENDING AT A LIVE EVENT**
[54] **PLATEAU DE DISTRIBUTION ET UNE METHODE DE DISTRIBUTION LORS D'UNE ACTIVITE**
[72] MONTMORENCY, NICOLAS, CA
[73] MONTMORENCY, NICOLAS, CA
[86] (2900006)
[87] (2900006)
[22] 2015-08-07
[30] US (62/042,835) 2014-08-28

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[54] **CATALYST FOR ACTIVE HYDROGEN RECOMBINER AND PROCESS FOR MAKING THE CATALYST**
[54] **CATALYSEUR DESTINE A UN RECOMBINEUR D'HYDROGENE ACTIF ET PROCEDE DE FABRICATION DU CATALYSEUR**
[72] SZYNKARCZUK, JAREK, CA
[72] DICKOUT, LEIGH, CA
[72] ZAIDI, SYED SAMEEN, CA
[72] HU, YANING, CA
[73] CCI THERMAL TECHNOLOGIES INC., CA
[86] (2900777)
[87] (2900777)
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[51] **Int.Cl. F04C 2/08 (2006.01) F04C 15/00 (2006.01) F04C 27/00 (2006.01)**
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[54] **PISTON WITH REPLACEABLE AND/OR ADJUSTABLE SURFACES**
[54] **PISTON DOTE DE SURFACES REMPLACABLES ET/OU REGLABLES**
[72] RAMOS, ROLANDO NICO M., US
[72] HILLPERT, LEE, US
[72] BLODGETT, WILLIAM W., US
[73] LOBEPRO, INC., US
[85] 2015-08-13
[86] 2014-03-12 (PCT/US2014/024661)
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[25] EN
[54] **SYSTEMS AND METHODS FOR LOW-MANGANESE WELDING ALLOYS**
[54] **SYSTEMES ET PROCEDES POUR DES ALLIAGES DE SOUDAGE A FAIBLE TENEUR EN MANGANESE**
[72] BARHORST, STEVEN EDWARD, US
[72] KRIEGER, KEVIN M., US
[72] BUNDY, JOSEPH C., US
[72] AMATA, MARIO ANTHONY, US
[72] DUNCAN, DARYL L., US
[72] FIORE, SUSAN RENATA, US
[73] HOBART BROTHERS COMPANY, US
[85] 2015-08-18
[86] 2014-05-02 (PCT/US2014/036507)
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[25] EN
[54] **MINING MACHINE AND CHARGING STATION COMPRISING REFRIGERATION CIRCUITS**
[54] **MACHINE D'EXPLOITATION MINIERE ET POSTE DE RECHARGE COMPORTANT DES CIRCUITS DE REFRIGERATION**
[72] LINDHOLM, KARI, FI
[72] VARE, VILLE, FI
[72] KOUVO, MIKKO, FI
[73] SANDVIK MINING AND CONSTRUCTION OY, FI
[86] (2902691)
[87] (2902691)
[22] 2015-09-02
[30] EP (14192036.3) 2014-11-06

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[25] EN
[54] **LAUNCHER FOR A SLIDE AS WELL AS METHOD FOR LAUNCHING A SLIDE RUN IN A SLIDE CHUTE**
[54] **DISPOSITIF DE DEPART POUR UN TOBOGGAN AINSI QUE PROCEDE DE DEPART D'UNE DESCENTE SUR UN CIRCUIT DE TOBOGGAN**
[72] BRAUN, RAINER, DE
[73] AQUARENA HOLDING GMBH, DE
[85] 2015-09-01
[86] 2014-03-10 (PCT/EP2014/054541)
[87] (WO2014/146918)
[30] DE (10 2013 102 945.0) 2013-03-22

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[51] **Int.Cl. C07D 471/08 (2006.01)**
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[54] **A PROCESS FOR PREPARATION OF (2S,5R)-7-OXO-6-SULPHOOXY-2-[((3R)-PIPERIDINE-3-CARBONYL)-HYDRAZINO CARBONYL]-1,6-DIAZA-BICYCLO-[3.2.1]-OCTANE**
[54] **PROCEDE POUR LA PREPARATION DU (2S,5R)-7-OXO-6-SULFO-OXY-2-[((3R)-PIPERIDINE-3-CARBONYL)-HYDRAZINO CARBONYL]-1,6-DIAZA-BICYCLO-[3.2.1]-OCTANE**
[72] JOSHI, SANJEEV, IN
[72] WANKHEDE, KARUNA SURESH, IN
[72] JADHAV, SUNIL BHAGINATH, IN
[72] PAWAR, SHIVAJI SAMPATRAO, IN
[72] AHIRRAO, VINOD KASHINATH, IN
[72] BHAWSAR, SATISH, IN
[72] DESHPANDE, PRASAD KESHAV, IN
[72] YEOLE, RAVINDRA DATTATRAYA, IN
[72] PATEL, MAHESH VITHALBHAI, IN
[73] WOCKHARDT LIMITED, IN
[85] 2015-09-02
[86] 2013-10-12 (PCT/IB2013/059326)
[87] (WO2014/135931)
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[54] **SEGMENTED RAILWAY REGULATOR BLADE**
[54] **LAME DE REGULATEUR DE VOIE FERREE SEGMENTEE**
[72] SULESKY, WILLIAM A., US
[73] NORDCO INC., US
[86] (2904878)
[87] (2904878)
[22] 2015-09-22
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[25] EN
[54] **DECK DRAIN AND METHOD OF MANUFACTURE**
[54] **BONDE D'EVACUATION DE PONT ET SON PROCEDE DE FABRICATION**
[72] GUNTER, CHARLES E., US
[73] ABT, INC., US
[85] 2015-09-14
[86] 2014-03-17 (PCT/US2014/030452)
[87] (WO2014/145649)
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[51] **Int.Cl. E01B 29/32 (2006.01) E01B 29/10 (2006.01) E01B 29/22 (2006.01)**
[25] EN
[54] **PLATE-HANDLING SYSTEM INSERTING PLATE FROM GAGE SIDE**
[54] **MECANISME DE TRAITEMENT DE PLAQUE A INSERTION DE PLAQUE DU COTE CAGE**
[72] IRION, ALLAN, US
[73] NORDCO INC., US
[86] (2907235)
[87] (2907235)
[22] 2015-10-01
[30] US (62/086,272) 2014-12-02

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[51] **Int.Cl. A23P 30/00 (2016.01) A21C 3/00 (2006.01) A21C 9/00 (2006.01)**
[25] EN
[54] **PROCESS FOR MANUFACTURING A PRODUCT INCLUDING STARCH BALL**
[54] **PROCEDE DE FABRICATION D'UN PRODUIT COMPORTANT UNE BOULE D'AMIDON**
[72] KUO, LIN-KUEI, TW
[73] KUO, LIN-KUEI, TW
[86] (2907251)
[87] (2907251)
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[51] **Int.Cl. B65B 3/00 (2006.01) A61J 1/14 (2006.01) A61J 1/20 (2006.01)**
[25] EN
[54] **CONTROLLED NON-CLASSIFIED FILLING DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE REMPLISSAGE CONTROLE ET NON-CLASSIFIE**
[72] PY, DANIEL, US
[73] DR. PY INSTITUTE, LLC, US
[85] 2015-09-15
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[25] EN
[54] **ROADWORTHY RAIL BALLAST REGULATOR**
[54] **REGULATEUR DE BALLAST DE RAIL**
[72] BOYD, JAMES WILLIAM, US
[72] SPENCE, DAVID A., US
[72] PIPOL, JUSTIN JEROME, US
[72] THOMPSON, MICHAEL DAVID, US
[73] NORDCO INC., US
[86] (2907381)
[87] (2907381)
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[25] EN
[54] **TRUSS GIRDER FOR A WEATHER PROTECTION ROOF AS WELL AS WEATHER PROTECTION ROOF WITH SEVERAL TRUSS GIRDERS**
[54] **POUTRE A TREILLIS POUR UN TOIT DE PROTECTION CONTRE LES INTEMPERIES ET TOIT DE PROTECTION CONTRE LES INTEMPERIES COMPORTANT PLUSIEURS POUTRES A TREILLIS**
[72] MAIER, MELANIE, DE
[72] LEDER, CHRISTIAN, DE
[72] KURTH, JURGEN, DE
[72] RUCHTI, BERND, DE
[73] PERI GMBH, DE
[85] 2015-10-09
[86] 2014-04-09 (PCT/EP2014/057183)
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[30] DE (10 2013 206 583.3) 2013-04-12

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[25] EN
[54] **ABRASIVE BODY**
[54] **CORPS ABRASIF**
[72] RUNDEN, BERNHARD, DE
[72] FISCHER, GERD, DE
[73] LUKAS-ERZETT VEREINIGTE SCHLEIF- UND FRASWERKZEUGFABRIKEN GMBH & CO. KG, DE
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[86] 2014-04-11 (PCT/EP2014/057418)
[87] (WO2014/167111)
[30] DE (10 2013 103 643.0) 2013-04-11

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[25] EN
[54] **GREETING CARDS WITH SUSPENDED MOTION**
[54] **CARTES DE SOUHAITS DOTEES DE MOUVEMENT SUSPENDU**
[72] BOGDANSKI, SHARON, US
[72] TALBOT, JOHN, US
[72] SHLONSKY, LYNNE, US
[72] SAPP, DAVE, US
[72] MAO, CHARLOTTE, US
[72] MARSH, ALLISON, US
[72] FORRESTER, NICOLE, US
[73] AMERICAN GREETINGS CORPORATION, US
[86] (2910298)
[87] (2910298)
[22] 2015-10-27
[30] US (62/069,364) 2014-10-28
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[51] **Int.Cl. E21B 49/08 (2006.01) E21B 21/01 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR SPECIATING HYDROCARBONS**
[54] **METHODE ET APPAREIL DE SPECIATION D'HYDROCARBURES**
[72] DEGREEVE, JASON ALEXANDER, CA
[72] UNRAU, SEAN WILLIAM LYONS, CA
[72] VAN BEURDEN, MARCEAU ERNEST, CA
[72] VAN BEURDEN, RYAN HENRICUS, CA
[73] PASON SYSTEMS CORP., CA
[86] (2911112)
[87] (2911112)
[22] 2010-11-01
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[25] EN
[54] **MULTI-LEVEL SOFA HINGE FOR SOFA CONVERTIBLE**
[54] **CHARNIERE DE CANAPE MULTINIVEAU DESTINE A UN CANAPE-LIT**
[72] KANTHASAMY, ABEDAN, MY
[73] LIFESTYLE SOLUTIONS, INC., US
[86] (2911809)
[87] (2911809)
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[30] US (14/731,905) 2015-06-05

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[25] EN
[54] **HYBRID FELTS OF ELECTROSPUN NANOFIBERS**
[54] **FEUTRES HYBRIDES DE NANOFIBRES ELECTROFILEES**
[72] MENKHAUS, TODD, US
[72] FONG, HAO, US
[73] NANOPAREIL, LLC, US
[85] 2015-08-13
[86] 2013-02-14 (PCT/US2013/026233)
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[25] EN
[54] **SCREW FOR AVOIDING CRACKS AND BURRS**
[54] **VIS SERVANT A EVITER LES FENTES ET LES BAVURES**
[72] LIN, CHAO-WEI, TW
[73] KWANTEX RESEARCH INC., TW
[86] (2912846)
[87] (2912846)
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[54] **WI-FI ADMINISTRATION CONSOLE**
[54] **CONSOLE D'ADMINISTRATION WI-FI**
[72] TOKSVIG, MICHAEL JOHN MCKENZIE, US
[72] HUGHES, CHARLES J., US
[72] TSENG, ERICK, US
[73] FACEBOOK, INC., US
[85] 2015-11-23
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[87] (WO2014/194029)
[30] US (13/906,784) 2013-05-31

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[51] **Int.Cl. B29C 44/34 (2006.01) B29B 7/74 (2006.01) B29C 47/26 (2006.01)**
[25] EN
[54] **EXTRUSION PARISON HEAD FOR DISCONTINUOUS FOAMING**
[54] **TETE DE TUBE D'EXTRUSION POUR LE MOUSSAGE DISCONTINU**
[72] KNIPP, GUIDO, DE
[73] W. MULLER GMBH, DE
[85] 2015-11-25
[86] 2014-06-04 (PCT/EP2014/061533)
[87] (WO2014/195337)
[30] DE (10 2013 105 749.7) 2013-06-04

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[51] **Int.Cl. H04L 12/723 (2013.01) H04L 12/715 (2013.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR TAGGING PACKETS ROUTED TO CUSTOMER PREMISES DEVICES VIA CLUSTERS OF DEDICATED CUSTOMER INTERFACES**
[54] **PROCEDE ET SYSTEME D'ETIQUETAGE DE PAQUETS ROUTES VERS DES DISPOSITIFS DE LOCAUX D'ABONNES PAR LE BIAIS D'ENSEMBLES D'INTERFACES CLIENT DEDIEES**
[72] YEAP, TET HIN, CA
[72] ARIS, AZRIN, MY
[72] RAMLI, SITI SAWIAH, MY
[72] CHIA, CHING KING, MY
[72] AHSAN MISKAM, NURUL SHUHADA, MY
[72] YUSOF, ROHAYU, MY
[73] TELEKOM MALAYSIA BERHAD, MY
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[87] (2913681)
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[25] EN
[54] **DEVICE AND METHOD FOR TESTING PRESSURE OF HYDRAULIC TOOLS**
[54] **DISPOSITIF ET PROCEDE DE TEST DE PRESSION D'OUTILS HYDRAULIQUES**
[72] PERRONE, MICHAEL, US
[73] PERRONE, MICHAEL, US
[85] 2015-11-26
[86] 2013-06-29 (PCT/US2013/048831)
[87] (WO2014/005133)
[30] US (61/665,918) 2012-06-29
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[25] EN
[54] **CLEANING CART**
[54] **CHARIOT DE NETTOYAGE**
[72] EISENHUT, ANDREAS, DE
[72] RUECKHEIM, MARKUS, DE
[72] GRATZKI, TORSTEN, DE
[72] BARBER, STEVE, GB
[72] DEERBERG, JENS, DE
[73] CARL FREUDENBERG KG, DE
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[86] 2014-05-21 (PCT/EP2014/001370)
[87] (WO2015/003761)
[30] DE (10 2013 011 632.5) 2013-07-12

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[25] EN
[54] **COMPOSITE INSULATION INCLUDING INORGANIC AEROGEL AND MELAMINE FOAM**
[54] **MATERIAUX COMPOSITES ISOLANTS COMPRENANT UN AEROGEL INORGANIQUE ET UNE MOUSSE DE MELAMINE**
[72] BONNARDEL, PIERRE-ANTOINE, FR
[72] CHAUSSON, SOPHIE, FR
[72] GERARDIN, EMILIE, FR
[73] ASPEN AEROGELS, INC., US
[85] 2015-12-11
[86] 2014-06-13 (PCT/EP2014/062437)
[87] (WO2014/198931)
[30] FR (1355558) 2013-06-14

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[51] Int.Cl. B07B 1/18 (2006.01)
[25] EN
[54] **PROFILED STRAINER BAR AND STRAINER MADE OF PROFILED STRAINER BARS**
[54] **BARRE DE TAMIS PROFILEE ET DISPOSITIF DE TAMISAGE A BARRES DE TAMIS PROFILEES**
[72] MICKELAT, THOMAS, DE
[72] REINSTEIN, MICHAEL, DE
[73] ANDRITZ FIEDLER GMBH, DE
[85] 2015-12-15
[86] 2014-08-14 (PCT/EP2014/002258)
[87] (WO2015/024648)
[30] DE (10 2013 013 907.4) 2013-08-20
[30] DE (10 2014 011 679.4) 2014-08-05

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[51] Int.Cl. B60L 5/00 (2006.01) E21C 33/00 (2006.01) H02J 7/00 (2006.01) H02J 9/00 (2006.01) H02P 25/02 (2016.01)
[25] EN
[54] **MINING VEHICLE AND METHOD FOR ITS ENERGY SUPPLY**
[54] **VEHICULE MINIER ET PROCEDE D'ALIMENTATION EN ENERGIE DE CELUI-CI**
[72] KOUVO, MIKKO, FI
[72] KOUHIA, SAMULI, FI
[72] VERHO, SAMULI, FI
[72] VATANEN, HARRI, FI
[73] SANDVIK MINING AND CONSTRUCTION OY, FI
[86] (2915587)
[87] (2915587)
[22] 2015-12-18
[30] EP (14199556.3) 2014-12-22

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[13] C
[51] Int.Cl. C21D 9/48 (2006.01) C21D 1/673 (2006.01)
[25] EN
[54] **METHOD AND DEVICE FOR PARTIALLY HARDENING SEMIFINISHED PRODUCTS**
[54] **PROCEDE ET DISPOSITIF PERMETTANT LE DURCISSEMENT PARTIEL DE DEMI-PRODUITS**
[72] SIKORA, SASCHA, DE
[72] GORSCHLUETER, JOERG, DE
[72] PIERONEK, DAVID, DE
[73] THYSSENKRUPP STEEL EUROPE AG, DE
[85] 2015-12-18
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[87] (WO2015/011051)
[30] DE (10 2013 108 046.4) 2013-07-26

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[13] C
[51] Int.Cl. H04W 74/04 (2009.01) H04W 36/18 (2009.01) H04B 1/76 (2006.01)
[25] EN
[54] **PILOT GROUPING AND ROUTE PROTOCOLS IN MULTI-CARRIER COMMUNICATION SYSTEMS**
[54] **GROUPAGE DE SIGNAUX PILOTES ET PROTOCOLES DE ROUTAGE DANS DES SYSTEMES DE COMMUNICATIONS MULTIPORTEUSES**
[72] BLACK, PETER JOHN, US
[73] QUALCOMM INCORPORATED, US
[86] (2917280)
[87] (2917280)
[22] 2006-09-22
[62] 2,786,705
[30] US (60/719,760) 2005-09-22
[30] US (11/523,959) 2006-09-19

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[51] **Int.Cl. C10G 1/04 (2006.01) C02F 1/26 (2006.01)**
[25] EN
[54] **SUPERCRITICAL BITUMEN FROTH TREATMENT FROM OIL SAND**
[54] **TRAITEMENT DE MOUSSE DE BITUME SUPERCRITIQUE A PARTIR DE SABLES BITUMINEUX**
[72] BULBUC, DANIEL, CA
[72] CHUNG, KENG, CA
[72] CHILDS, DAVID, CA
[73] SYNCRUDE CANADA LTD., CA
[86] (2918517)
[87] (2918517)
[22] 2016-01-13
[30] US (62/103,436) 2015-01-14

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[51] **Int.Cl. B01D 12/00 (2006.01) B01D 11/02 (2006.01) B01D 15/00 (2006.01) B01J 20/34 (2006.01) C02F 11/00 (2006.01) C02F 11/14 (2006.01)**
[25] EN
[54] **SOLID/LIQUID SEPARATION APPARATUS, AND METHOD FOR SAME**
[54] **APPAREIL DE SEPARATION SOLIDE/LIQUIDE, ET PROCEDE ASSOCIE**
[72] SANO, TADASHI, JP
[72] SEKIYA, SACHIO, JP
[73] HITACHI, LTD., JP
[85] 2016-01-27
[86] 2013-08-02 (PCT/JP2013/070962)
[87] (WO2015/015631)

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[13] C
[51] **Int.Cl. H01R 13/717 (2006.01) H01B 3/18 (2006.01) H01B 9/00 (2006.01) H01R 13/46 (2006.01) B23K 37/00 (2006.01)**
[25] EN
[54] **ELECTRIC CABLE FOR USE IN A WELDING DEVICE**
[54] **CABLE ELECTRIQUE DESTINE A UN APPAREIL DE SOUDAGE**
[72] MAYER-ROSA, MICHAEL, DE
[72] BAYER, THOMAS, DE
[72] KAMMERER, ANDREAS, DE
[73] BALLUFF GMBH, DE
[86] (2921050)
[87] (2921050)
[22] 2016-02-16
[30] DE (20 2015 102 166.6) 2015-04-29

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[13] C
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[25] EN
[54] **INSERT MOULDED CABLE FOR USE IN A WELDING DEVICE**
[54] **CABLE MOULE POUR INSERTION DESTINE A UN APPAREIL DE SOUDURE**
[72] MAYER-ROSA, MICHAEL, DE
[72] BAYER, THOMAS, DE
[72] KAMMERER, ANDREAS, DE
[73] BALLUFF GMBH, DE
[86] (2921059)
[87] (2921059)
[22] 2016-02-16
[30] DE (20 2015 102 167.4) 2015-04-29

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[13] C
[51] **Int.Cl. G01S 13/522 (2006.01)**
[25] EN
[54] **USING ORTHOGONAL SPACE PROJECTIONS TO GENERATE A CONSTANT FALSE ALARM RATE CONTROL PARAMETER**
[54] **UTILISATION DE PROJECTIONS DANS L'ESPACE ORTHOGONAL POUR GENERER UN PARAMETRE DE COMMANDE A TAUX CONSTANT DE FAUSSES ALARMES**
[72] HOLDER, ERNEST JEFFERSON, US
[73] PROPAGATION RESEARCH ASSOCIATES, INC., US
[86] (2921184)
[87] (2921184)
[22] 2015-12-29
[30] US (14/586,836) 2014-12-30

[11] 2,922,174
[13] C
[51] **Int.Cl. H04N 21/234 (2011.01) H04N 21/236 (2011.01)**
[25] EN
[54] **APPARATUS FOR TRANSMITTING BROADCAST SIGNALS, APPARATUS FOR RECEIVING BROADCAST SIGNALS, METHOD FOR TRANSMITTING BROADCAST SIGNALS AND METHOD FOR RECEIVING BROADCAST SIGNALS**
[54] **APPAREIL D'EMISSION DE SIGNAUX DE DIFFUSION, APPAREIL DE RECEPTION DE SIGNAUX DE DIFFUSION, PROCEDE D'EMISSION DE SIGNAUX DE DIFFUSION ET PROCEDE DE RECEPTION DE SIGNAUX DE DIFFUSION**
[72] LEE, JANGWON, KR
[72] OH, SEJIN, KR
[72] MOON, KYOUNGSOO, KR
[72] KO, WOOSUK, KR
[72] HONG, SUNGRYONG, KR
[73] LG ELECTRONICS INC., KR
[85] 2016-02-22
[86] 2014-10-31 (PCT/KR2014/010367)
[87] (WO2015/065104)
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[51] **Int.Cl. G02B 6/12 (2006.01) G02B 6/30 (2006.01)**
[25] EN
[54] **OPTICAL-MICROWAVE-QUANTUM TRANSDUCER**
[54] **TRANSDUCTEUR QUANTIQUE A MICRO-ONDE OPTIQUE**
[72] PARK, JAE I., US
[73] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
[85] 2016-03-02
[86] 2014-08-27 (PCT/US2014/052906)
[87] (WO2015/034721)
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[25] EN
[54] **CONNECTION OF AT LEAST FOUR ELECTRIC CONDUCTORS**
[54] **RACCORDEMENT D'AU MOINS QUATRE CONDUCTEURS ELECTRIQUES**
[72] HOPPE, JENS, DE
[72] LOPPACH, KARSTEN, DE
[72] WENDE, THOMAS, DE
[72] WIMMER, RENE MARTIN, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2016-03-08
[86] 2014-08-28 (PCT/EP2014/068234)
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[51] **Int.Cl. B62J 15/00 (2006.01) B62J 99/00 (2009.01) B62J 6/00 (2006.01) B62J 6/20 (2006.01)**
[25] EN
[54] **MOTORCYCLE**
[54] **MOTOCYCLE**
[72] NISHIMOTO, TARO, JP
[72] INOUE, TAISHI, JP
[72] ISHIKAWA, AKIKO, JP
[73] HONDA MOTOR CO., LTD., JP
[85] 2016-03-21
[86] 2013-09-27 (PCT/JP2013/076320)
[87] (WO2015/045111)

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[51] **Int.Cl. H04N 21/234 (2011.01) H04N 21/235 (2011.01) H04J 11/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR TRANSMITTING BROADCAST SIGNALS, APPARATUS FOR RECEIVING BROADCAST SIGNALS, METHOD FOR TRANSMITTING BROADCAST SIGNALS AND METHOD FOR RECEIVING BROADCAST SIGNALS**
[54] **APPAREIL DE TRANSMISSION DE SIGNAUX DE DIFFUSION, APPAREIL DE RECEPTION DE SIGNAUX DE DIFFUSION, PROCEDE DE TRANSMISSION DE SIGNAUX DE DIFFUSION ET PROCEDE DE RECEPTION DE SIGNAUX DE DIFFUSION**
[72] SHIN, JONGWOONG, KR
[72] KIM, JINWOO, KR
[72] KO, WOOSUK, KR
[72] HWANG, JAEHO, KR
[72] HONG, SUNGRYONG, KR
[73] LG ELECTRONICS INC., KR
[85] 2016-03-21
[86] 2014-09-24 (PCT/KR2014/008910)
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[30] US (61/884,120) 2013-09-29
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[51] **Int.Cl. B29C 70/48 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR FORMING FIBRE REINFORCED COMPOSITE STRUCTURES**
[54] **APPAREIL ET PROCEDE POUR FORMER DES STRUCTURES COMPOSITES RENFORCEES PAR DES FIBRES**
[72] MILLAR, WILLIAM JAMES TREVOR, IE
[72] WILSON, ROBERT SAMUEL, IE
[72] MCCONNELL, JONATHAN JAMES, IE
[73] SHORT BROTHERS PLC, IE
[86] (2925880)
[87] (2925880)
[22] 2007-07-19
[62] 2,693,993

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[51] **Int.Cl. A61K 6/083 (2006.01)**
[25] EN
[54] **DENTAL ADHESIVE KIT**
[54] **KIT DE COLLE DENTAIRE**
[72] NOJIRI, YAMATO, JP
[73] KURARAY NORITAKE DENTAL INC., JP
[85] 2016-03-31
[86] 2014-10-06 (PCT/JP2014/005086)
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[51] **Int.Cl. H04L 9/32 (2006.01)**
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[54] **AUTHORIZATION OF SERVER OPERATIONS**
[54] **AUTORISATION D'OPERATIONS DE SERVEUR**
[72] BAENTSCH, MICHAEL, CH
[72] BUHLER, PETER, CH
[72] EIRICH, THOMAS, CH
[72] HERMANN, RETO, CH
[72] HOERING, FRANK, CH
[72] KRAMP, THORSTEN, CH
[72] KUYPER, MICHAEL P., CH
[72] WEIGOLD, THOMAS D., CH
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[86] (2926128)
[87] (2926128)
[22] 2009-09-17
[62] 2,736,582
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[51] **Int.Cl. A61K 8/27 (2006.01) A61P 1/02 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **DENTIFRICE COMPOSITION COMPRISING ZINC OXIDE AND ZINC CITRATE**
[54] **COMPOSITIONS DE DENTIFRICE COMPRENANT DE L'OXYDE DE ZINC ET DU CITRATE DE ZINC**
[72] PRENCIPE, MICHAEL, US
[72] XU, YUN, CN
[72] HUANG, XIAO YI, CN
[72] FISHER, STEVEN, US
[72] WON, BETTY, US
[72] SCHAEFFER-KORBYLO, LYNDSAY, US
[73] COLGATE-PALMOLIVE COMPANY, US
[85] 2016-04-14
[86] 2014-12-19 (PCT/US2014/071335)
[87] (WO2015/095627)
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[13] C
[51] **Int.Cl. E21B 4/06 (2006.01) E21B 23/14 (2006.01)**
[25] EN
[54] **DOWN HOLE HARMONIC DRIVE TRANSMISSION**
[54] **TRANSMISSION A DEMULTIPLICATION HARMONIQUE DE FOND DE TROU**
[72] SNYDER, JOHN KENNETH, US
[72] HAY, RICHARD THOMAS, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-04-15
[86] 2013-11-22 (PCT/US2013/071471)
[87] (WO2015/076826)

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[51] **Int.Cl. A61K 39/00 (2006.01) A61P 31/12 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **CTL INDUCER COMPOSITION**
[54] **COMPOSITION INDUCTRICE DE LYMPHOCYTES T CYTOTOXIQUES**
[72] ITOH, KYOGO, JP
[72] SHICHIJO, SHIGEKI, JP
[72] YAMADA, AKIRA, JP
[73] BRIGHTPATH BIOTHERAPEUTICS CO., LTD., JP
[86] (2927770)
[87] (2927770)
[22] 2008-09-12
[62] 2,697,896
[30] JP (2007-241161) 2007-09-18

[11] **2,928,102**
[13] C
[51] **Int.Cl. E04G 23/02 (2006.01)**
[25] EN
[54] **HOLE REPAIR DEVICE, KIT AND METHOD**
[54] **DISPOSITIF, KIT ET PROCEDE DE REPARATION DE TROUS**
[72] WANG, DANLI, US
[72] KUHL, MICHAEL E., US
[72] SCHOENHERR, DWIGHT B., US
[72] OLSON, JUDD D., US
[73] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2016-04-19
[86] 2015-06-10 (PCT/US2015/035053)
[87] (WO2015/195429)
[30] US (62/015,061) 2014-06-20
[30] US (62/111,865) 2015-02-04

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[13] C
[51] **Int.Cl. F26B 3/02 (2006.01) F26B 15/18 (2006.01)**
[25] EN
[54] **APPARATUS FOR DRYING COAL USING REHEAT STEAM**
[54] **APPAREIL DE SECHAGE DE CHARBON UTILISANT DE LA VAPEUR DE RECHAUFFEMENT**
[72] KIM, SUNG KON, KR
[73] HANKOOK TECHNOLOGY INC., KR
[85] 2016-04-19
[86] 2014-10-28 (PCT/KR2014/010159)
[87] (WO2015/064996)
[30] KR (10-2013-0129735) 2013-10-30

[11] **2,930,065**
[13] C
[51] **Int.Cl. F21S 10/04 (2006.01) F21K 9/00 (2016.01) F21V 23/00 (2015.01)**
[25] EN
[54] **IMITATION CANDLE AND FLAME SIMULATION ASSEMBLY THEREOF**
[54] **FAUSSE CHANDELLE ET ENSEMBLE DE SIMULATION DE FLAMME ASSOCIE**
[72] LI, XIAOFENG, CN
[73] LI, XIAOFENG, CN
[86] (2930065)
[87] (2930065)
[22] 2016-05-12
[30] CN (201620081309.2) 2016-01-27
[30] CN (201620080755.1) 2016-01-27
[30] US (15/137,951) 2016-04-25

[11] **2,932,238**
[13] C
[51] **Int.Cl. B42F 13/26 (2006.01) B42F 13/22 (2006.01)**
[25] EN
[54] **SINGLE BOOSTER BINDER MECHANISM**
[54] **MECANISME RELIEUR A POUSSEUR UNIQUE**
[72] LE, SEAN L., US
[72] CARUSO, CATHLEEN D., US
[72] HAWLEY, KENNETH N., US
[72] NELSON, ERIC R., US
[72] CUSHING, ERIC J., US
[72] BERKHOUT, JACOBUS M., US
[72] WHITTALL, CHRIS, US
[72] KWAK, YONGJU, US
[72] HARDEN, DANIEL K., US
[72] MAKAY, MICKEY, US
[72] REYES, STAN, US
[72] SHEN, HARDY S., US
[73] CCL LABEL, INC., US
[85] 2016-05-31
[86] 2014-10-03 (PCT/US2014/059106)
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[30] US (61/886,871) 2013-10-04

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[51] **Int.Cl. B60K 17/344 (2006.01) F16H 48/32 (2012.01) F16H 48/36 (2012.01) F04C 2/344 (2006.01) F04C 14/24 (2006.01) F16H 48/22 (2006.01)**
[25] EN
[54] **DRIVING FORCE DISTRIBUTING DEVICE**
[54] **DISPOSITIF DE REPARTITION DE FORCE D'ENTRAINEMENT**
[72] TSUCHIHASHI, MAKOTO, JP
[72] FUJINUMA, SACHI, JP
[73] HONDA MOTOR CO., LTD., JP
[85] 2016-07-26
[86] 2014-12-24 (PCT/JP2014/084047)
[87] (WO2015/118787)
[30] JP (2014-023069) 2014-02-10

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[51] **Int.Cl. H04B 10/073 (2013.01) H04J 14/02 (2006.01)**
[25] EN
[54] **LINK SWITCHING METHOD, DEVICE, AND SYSTEM**
[54] **PROCEDE, DISPOSITIF ET SYSTEME DE COMMUTATION DE LIAISONS**
[72] YANG, HE, CN
[72] WANG, YIMING, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2016-09-02
[86] 2014-03-05 (PCT/CN2014/072935)
[87] (WO2015/131360)

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[13] C
[51] **Int.Cl. B62D 55/07 (2006.01) B62B 17/02 (2006.01)**
[25] EN
[54] **PIVOTABLE WHEEL ASSEMBLY FOR SNOWMOBILE SKI**
[54] **ASSEMBLAGE DE ROUE PIVOTANTE DESTINE A UN SKI DE MOTONEIGE**
[72] BEAUDOIN, DENIS, CA
[73] INVESTISSEMENTS D. BEAUDOIN INC., CA
[86] (2942701)
[87] (2942701)
[22] 2009-12-08
[62] 2,687,708
[30] CA (2,647,375) 2008-12-08

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[51] **Int.Cl. H04W 12/04 (2009.01) H04W 36/00 (2009.01) H04W 84/12 (2009.01)**
[25] EN
[54] **PROTECTING WLCP MESSAGE EXCHANGE BETWEEN TWAG AND UE**
[54] **PROTECTION D'ECHANGE DE MESSAGES WLCP ENTRE TWAG ET UE**
[72] ROELAND, DINAND, SE
[72] ROMMER, STEFAN, SE
[72] NORRMAN, KARL, SE
[72] LEHTOVIRTA, VESA, FI
[73] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2016-11-02
[86] 2015-04-15 (PCT/EP2015/058140)
[87] (WO2015/169552)
[30] US (61/988,613) 2014-05-05

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[13] C
[51] **Int.Cl. B21D 53/04 (2006.01) B21D 53/08 (2006.01) F28F 13/12 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CONSTRUCTING ENGINEERED PACKING FOR HEAT EXCHANGE**
[54] **SYSTEMES ET PROCEDES DE CONSTRUCTION D'UN GARNISSAGE CONCU POUR L'ECHANGE DE CHALEUR**
[72] FEINSTEIN, JONATHAN JAY, US
[73] ZONEFLOW REACTOR TECHNOLOGIES, LLC, US
[85] 2016-12-01
[86] 2015-06-02 (PCT/US2015/033760)
[87] (WO2015/187678)
[30] US (14/297,210) 2014-06-05

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[13] C
[51] **Int.Cl. A63H 33/08 (2006.01) A63H 18/02 (2006.01) A63H 19/30 (2006.01) A63H 21/00 (2006.01)**
[25] EN
[54] **SURFACESCAPE FOR MULTI-DIMENSIONAL PLAY AND DISPLAY**
[54] **PHYSIONOMIE DE SURFACE POUR JEU ET PRESENTATION MULTIDIMENSIONNELS**
[72] KOSMO, JENNIFER LYNN, US
[73] KOSMO, JENNIFER LYNN, US
[85] 2016-12-09
[86] 2015-06-11 (PCT/US2015/035374)
[87] (WO2015/195462)
[30] US (14/308,435) 2014-06-18

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[51] **Int.Cl. B63H 1/36 (2006.01) B63H 16/08 (2006.01)**
[25] EN
[54] **REVERSING PROPULSION DEVICE FOR WATERCRAFT**
[54] **DISPOSITIF DE PROPULSION A INVERSION POUR NAVIRE**
[72] KETTERMAN, GREGORY SCOTT, US
[72] CZARNOWSKI, JAMES TAYLOR, US
[72] KARDAS, JASON CHRISTOPHER, US
[72] DOW, PHILIP JAMES, US
[73] HOBIE CAT COMPANY, A MISSOURI CORPORATION, US
[86] (2953968)
[87] (2953968)
[22] 2013-11-04
[62] 2,888,067
[30] US (61/725,642) 2012-11-13
[30] US (14/055,270) 2013-10-16

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[13] C
[51] **Int.Cl. C08B 31/00 (2006.01) C08L 3/02 (2006.01)**
[25] EN
[54] **A POLYMER BASED ON A MALTODEXTRIN FOR ENCAPSULATING ORGANIC COMPOUNDS**
[54] **POLYMERE A BASE D'UNE MALTODEXTRINE POUR L'ENCAPSULATION DE COMPOSES ORGANIQUES**
[72] TROTTA, FRANCESCO, IT
[72] FOSSATI, ERNESTO, IT
[73] ROQUETTE ITALIA S.P.A., IT
[85] 2017-01-04
[86] 2014-07-07 (PCT/EP2014/064466)
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[51] **Int.Cl. B60G 11/113 (2006.01) F16F 1/26 (2006.01)**
[25] EN
[54] **ISOLATED SPRING CLAMP GROUP**
[54] **ENSEMBLE DE PINCE A RESSORT ISOLE**
[72] DUDDING, ASHLEY T., US
[72] WILSON, WILLIAM, US
[72] COLLYER, BRENT, US
[72] CORTEZ, JEROME LIM, US
[72] WILLIAMS, PATRICK, US
[73] HENDRICKSON USA, L.L.C., US
[86] (2957852)
[87] (2957852)
[22] 2009-04-06
[62] 2,721,581
[30] US (12/103,086) 2008-04-15

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[51] **Int.Cl. B60G 11/10 (2006.01) B60G 11/02 (2006.01) F16F 1/26 (2006.01)**
[25] EN
[54] **ISOLATED SPRING CLAMP GROUP**
[54] **NOUVELLE DEMANDE EN COURS**
[72] DUDDING, ASHLEY T., US
[72] WILSON, WILLIAM, US
[72] COLLYER, BRENT, CA
[72] CORTEZ, JEROME LIM, US
[72] WILLIAMS, PATRICK, US
[73] HENDRICKSON USA, L.L.C., US
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[87] (2957864)
[22] 2009-04-06
[62] 2,721,581
[30] US (12/103,086) 2008-04-15

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[51] **Int.Cl. H04W 4/06 (2009.01)**
[25] EN
[54] **CONFERENCE MANAGEMENT SYSTEM, CONFERENCE MANAGEMENT DEVICE, WIRELESS TERMINAL, CONFERENCE MANAGEMENT METHOD, AND CONFERENCE MANAGEMENT PROGRAM**
[54] **SYSTEME DE GESTION DE CONFERENCE, APPAREIL DE GESTION DE CONFERENCE, TERMINAL SANS FIL, METHODE DE GESTION DE CONFERENCE ET PROGRAMME DE GESTION DE CONFERENCE**
[72] SHIOTA, SHINSUKE, JP
[73] NEC PLATFORMS, LTD., JP
[85] 2017-02-22
[86] 2016-09-29 (PCT/JP2016/078900)
[87] (2958657)
[30] JP (2015-206845) 2015-10-21

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[13] C
[51] **Int.Cl. C09K 8/00 (2006.01) E21B 43/00 (2006.01)**
[25] EN
[54] **HIGH-PERFORMANCE AQUEOUS-PHASE POLYMER FLUID FOR DRILLING WELLBORES IN LOW-GRADIENT FORMATIONS**
[54] **FLUIDE POLYMERE A HAUTE PERFORMANCE EN PHASE AQUEUSE, POUR LE FORAGE DE PUITS EN FORMATIONS DE FAIBLE PENTE**
[72] FERRUSQUIA HERNANDEZ, CARLOS, MX
[73] TECNOLOGIA INTEGRAL EN FLUIDOS DE PERFORACION S.A. DE C.V., MX
[85] 2017-03-08
[86] 2015-09-08 (PCT/MX2015/000124)
[87] (WO2016/039611)
[30] MX (MX/a/2014/010736) 2014-09-08

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[13] C
[51] **Int.Cl. B60R 11/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR A MOUNTABLE ELECTRONIC DEVICE HOLDER**
[54] **SYSTEMES ET PROCEDES POUR UN SUPPORT DE DISPOSITIF ELECTRONIQUE POUVANT ETRE MONTE**
[72] ORMSBEE, BOWDEN, US
[72] ADELMAN, GREGORY M., US
[72] CORE, IAN M., US
[73] NITE IZE, INC., US
[85] 2017-03-24
[86] 2015-09-22 (PCT/US2015/051448)
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[51] **Int.Cl. C08L 97/02 (2006.01) C08J 5/04 (2006.01) C08L 21/00 (2006.01)**
[25] EN
[54] **COCONUT FIBER/STRAW/SUGARCANE HUSK (BAGASSE) BONDED RUBBER**
[54] **CAOUTCHOUC LIE FAIT DE FIBRE/PAILLE/ECORCE DE CANNE A SUCRE (BAGASSE)**
[72] VOON, GERARD G. V., CA
[71] VOON, GERARD G. V., CA
[22] 2016-03-09
[41] 2017-09-09

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[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A23L 11/00 (2016.01) A01H 1/00 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C12N 5/10 (2006.01) C12N 15/00 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **SOYBEAN VARIETY XB28AB15R**
[54] **VARIETE DE SOJA XB28AB15R**
[72] KALLEM, RANDY LEROY, US
[72] SALOIS, CAITLYNN GAIL, US
[72] STREIT, LEON GEORGE, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2016-03-03
[41] 2017-09-03

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[25] EN
[54] **SOYBEAN VARIETY XB07AB15R**
[54] **VARIETE DE SOJA XB07AB15R**
[72] KRASHENINNIK, NADIA NIKOLAYEVNA, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2016-03-03
[41] 2017-09-03

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[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A23L 11/00 (2016.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C12N 5/10 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **SOYBEAN VARIETY XB006F15R**
[54] **VARIETE DE SOJA XB006F15R**
[72] KRASHENINNIK, NADIA NIKOLAYEVNA, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2016-03-03
[41] 2017-09-03

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[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A23L 11/00 (2016.01) A01H 1/00 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C12N 5/10 (2006.01) C12N 15/00 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **SOYBEAN VARIETY XB006E15R**
[54] **VARIETE DE SOJA XB006E15R**
[72] KRASHENINNIK, NADIA NIKOLAYEVNA, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2016-03-03
[41] 2017-09-03

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[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A23L 11/00 (2016.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C12N 5/10 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **SOYBEAN VARIETY XB11V15R**
[54] **VARIETE DE SOJA XB11V15R**
[72] KRASHENINNIK, NADIA NIKOLAYEVNA, US
[72] VAN HERK, JOHN GERARD, CA
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2016-03-03
[41] 2017-09-03

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[13] A1
[51] **Int.Cl. E02F 3/88 (2006.01) E21C 37/12 (2006.01)**
[25] EN
[54] **AIR DISTRIBUTING MANIFOLD FOR A HYDROVAC TANK**
[54] **COLLECTEUR DE DISTRIBUTION D'AIR DESTINE A UN RESERVOIR D'HYDROASPIRATION**
[72] MCCAFFREY, ROBIN MICHAEL, CA
[72] ROLLINS, BILL, CA
[71] EMPIRE IRON WORKS LTD., CA
[22] 2016-03-03
[41] 2017-09-03

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[13] A1
[51] **Int.Cl. E03F 5/04 (2006.01) E03C 1/12 (2006.01)**
[25] EN
[54] **COUPLING APPARATUS FOR A FLOOR DRAIN AND METHOD OF USE**
[54] **APPAREILLAGE DE RACCORDEMENT DESTINE A UN DRAIN DE PLANCHER ET METHODE D'UTILISATION**
[72] OLSSON, CHRISTER, CA
[71] OLSSON, CHRISTER, CA
[22] 2016-03-03
[41] 2017-09-03

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[51] **Int.Cl. A63C 5/00 (2006.01) G09F 3/08 (2006.01)**
[25] EN
[54] **SPORTS BOARD ENHANCEMENT SYSTEM**
[54] **DISPOSITIF DE REHAUSSEMENT DE PLANCHE DE SPORT**
[72] TOMER, DAVID, US
[71] IMEDGEBOARDS LLC, US
[22] 2016-03-03
[41] 2017-09-03

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[13] A1
[51] **Int.Cl. A62C 5/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MIXING FIREFIGHTING POLYMER**
[54] **METHODES ET APPAREIL DE MELANGE DE POLYMERES DE LUTTE CONTRE L'INCENDIE**
[72] SOLOMON, RICK, CA
[71] DIRECT FIRE SUPPRESSION INC., CA
[22] 2016-03-04
[41] 2017-09-04

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[51] **Int.Cl. F16K 31/02 (2006.01) F02B 43/00 (2006.01) F02D 19/02 (2006.01) F02M 21/02 (2006.01) F16K 17/00 (2006.01) F16K 21/00 (2006.01) F16K 31/06 (2006.01) F17C 13/04 (2006.01)**
[25] EN
[54] **GASEOUS FLUID CONDITIONING MODULE**
[54] **MODULE DE CONDITIONNEMENT DE FLUIDE GAZEUX**
[72] TEN BROEKE, SEBASTIAAN M.E., NL
[72] FAASSEN, ANTONIUS T.A., NL
[72] EXALTO, RAY A., NL
[72] VISSCHER, JEROEN, NL
[72] VAN SWAM, DAVE, NL
[71] PRINS AUTOGASSYSTEMEN B.V., NL
[22] 2016-03-04
[41] 2017-09-04

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[13] A1
[51] **Int.Cl. A61B 90/00 (2016.01) A61B 1/06 (2006.01) A61B 17/94 (2006.01)**
[25] EN
[54] **LIGHT CABLE SAFETY SLEEVE**
[54] **MANCHON DE SECURITE DE CABLE LUMINEUX**
[72] VAN DEN BRINK, LISA M., CA
[72] COPP, DYANA L., CA
[71] VAN DEN BRINK, LISA M., CA
[71] COPP, DYANA L., CA
[22] 2016-03-07
[41] 2017-09-07

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[13] A1
[51] **Int.Cl. C10C 3/00 (2006.01) B03B 9/02 (2006.01) E21B 43/34 (2006.01)**
[25] EN
[54] **SOLID RESIDUE SOLUTION**
[54] **SOLUTION DE RESIDU SOLIDE**
[72] LEDO PEREZ, DAVID, CA
[71] LEDO PEREZ, DAVID, CA
[22] 2016-03-07
[41] 2017-09-07

[21] **2,922,814**
[13] A1
[51] **Int.Cl. E21B 43/25 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **STIMULATION SYSTEMS AND METHODS**
[54] **SYSTEMES DE STIMULATION ET METHODES**
[72] COMSA, RADU-MIRCEA, RO
[72] BADEA, ANDREEA-GABRIELA, FR
[71] COMSA, RADU-MIRCEA, RO
[71] BADEA, ANDREEA-GABRIELA, FR
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[41] 2017-09-04

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[13] A1
[51] **Int.Cl. B60P 7/08 (2006.01) F16G 13/12 (2006.01)**
[25] EN
[54] **RATCHET CHAIN BINDER**
[54] **CHAINE D'ATTACHE DE ROCHET**
[72] CHOU, YEH-CHIEN, TW
[71] STRONG YUN INDUSTRIAL CO., LTD., TW
[22] 2016-03-04
[41] 2017-09-04

[21] **2,923,031**
[13] A1
[51] **Int.Cl. F16L 55/44 (2006.01)**
[25] EN
[54] **GUIDE FOR A PIPELINE PIG**
[54] **GUIDE DE RACLEUR DE PIPELINE**
[72] WALTER, BRONISLAV, CA
[72] WALTER, SCOTT, CA
[71] WALTER, BRONISLAV, CA
[71] WALTER, SCOTT, CA
[22] 2016-03-08
[41] 2017-09-08

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[13] A1
[51] **Int.Cl. C10M 141/02 (2006.01) C10L 10/02 (2006.01) C10L 10/04 (2006.01) C10M 125/10 (2006.01) C10M 125/14 (2006.01) C10M 129/06 (2006.01)**
[25] EN
[54] **MULTI PURPOSE ADDITIVE FOR COMBUSTION ENGINE**
[54] **ADDITIF MULTIUSAGE DESTINE A UN MOTEUR A COMBUSTION**
[72] MOUSA, WASEEM HUSSEIN ABDELKARIM, JO
[71] CMW 4TH DIMENSION ENTERPRISES LTD, CA
[22] 2016-03-08
[41] 2017-09-08

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[13] A1
[51] **Int.Cl. B25J 15/00 (2006.01) B60C 25/00 (2006.01)**
[25] EN
[54] **DEVICE FOR HANDLING TIRES**
[54] **DISPOSITIF DE MANUTENTION DE PNEUS**
[72] GOOSSEN, DARCY, CA
[71] GOOSSEN, DARCY, CA
[22] 2016-03-08
[41] 2017-09-08

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[13] A1
[51] **Int.Cl. C22B 7/00 (2006.01)**
[25] EN
[54] **A NEW PROCESS FOR SEPARATING INGREDIENTS OF ELECTRONIC SCRAP**
[54] **UN NOUVEAU PROCEDE DE SEPARATION D'INGREDIENTS DE REBUT ELECTRONIQUE**
[72] NABI, GHULAM, CA
[71] NABI, GHULAM, CA
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[41] 2017-09-04

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[13] A1
[51] **Int.Cl. A61M 37/00 (2006.01)**
[25] EN
[54] **TATTOO MACHINE ASSEMBLY AND METHOD OF USE**
[54] **APPAREIL DE TATOUAGE ET METHODE D'UTILISATION**
[72] ROBERTSON, ANDREW, CA
[72] HRUSHOWY, LANDRY, CA
[71] ROBERTSON, ANDREW, CA
[71] HRUSHOWY, LANDRY, CA
[22] 2016-03-07
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[51] **Int.Cl. C02F 9/04 (2006.01) C02F 1/00 (2006.01) C10G 1/04 (2006.01) C10G 33/06 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR INTEGRATION OF IN-SITU TREATMENT OF FLUID TAILINGS AND TAILINGS WATER IN TAILINGS POND**
[54] **METHODE ET SYSTEME D'INTEGRATION DE TRAITEMENT SUR PLACE DE RESIDUS FLUIDES ET EAU DE RESIDUS DANS LES BASSINS DE RESIDUS**
[72] LI, GUOHUI, CA
[71] LI, GUOHUI, CA
[22] 2016-03-07
[41] 2017-09-07

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[13] A1
[51] **Int.Cl. B60R 16/033 (2006.01)**
[25] EN
[54] **SOLAR POWERED VEHICLE INTEGRATED BATTERY CHARGER**
[54] **CHARGEUR DE BATTERIE INTEGRE A UN VEHICULE A ENERGIE SOLAIRE**
[72] TAYLOR, KEVIN D., CA
[71] TAYLOR, KEVIN D., CA
[22] 2016-03-07
[41] 2017-09-07

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[13] A1
[51] **Int.Cl. A63H 27/10 (2006.01) B65H 69/04 (2006.01)**
[25] EN
[54] **BALLOON TYING AID**
[54] **DISPOSITIF D'AIDE D'ATTACHE DE BALLON**
[72] PLOUFFE, MARQUE, CA
[71] PLOUFFE, MARQUE, CA
[22] 2016-03-07
[41] 2017-09-07

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[51] **Int.Cl. E05B 65/08 (2006.01)**
[25] EN
[54] **SLIDING DOOR LOCKING DEVICE**
[54] **MECANISME DE VERROUILLAGE DE PORTE COULISSANTE**
[72] WHITE, BRUCE, CA
[72] GAULD, CRAIG, CA
[72] MILLER, BRUCE, CA
[72] BETTS, RICHARD, CA
[71] PADIO SYSTEMS INC., CA
[22] 2016-03-09
[41] 2017-09-09

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[13] A1
[51] **Int.Cl. A47G 1/20 (2006.01) A47G 1/16 (2006.01)**
[25] EN
[54] **PICTURE/WALL HANGER**
[54] **CROCHET MURAL/PHOTO**
[72] BLAKE, ROBERT J., CA
[71] BLAKE, E. LORI E., CA
[22] 2016-03-09
[41] 2017-09-09

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[13] A1
[51] **Int.Cl. A01G 9/02 (2006.01) A01G 9/00 (2006.01) A01G 27/00 (2006.01) E04D 13/04 (2006.01)**
[25] EN
[54] **PERMANENT FOUR SEASON SELF-WATERING FLAT GREEN ROOF**
[54] **TOIT VERT PLAT AUTO-ARROSANT PERMANENT QUATRE SAISONS**
[72] GOOS, RICHARD H., CA
[71] GOOS, RICHARD H., CA
[22] 2016-03-09
[41] 2017-09-09

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[13] A1
[51] **Int.Cl. A47L 11/20 (2006.01) A47L 7/02 (2006.01) A47L 9/32 (2006.01)**
[25] EN
[54] **SUCTION SCRAPER DEVICE FOR PET HAIR REMOVER**
[54] **APPAREIL RACLEUR ASPIRANT DESTINE A L'ENLEVEMENT DES POILS D'ANIMAUX**
[72] DE SILVA, MAGDALENE L., CA
[71] DE SILVA, MAGDALENE L., CA
[22] 2016-03-08
[41] 2017-09-08

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[51] **Int.Cl. A45B 9/02 (2006.01) A63C 11/22 (2006.01) B25G 1/00 (2006.01) A61H 3/00 (2006.01)**
[25] EN
[54] **ERGONOMIC HANDLES FOR MOBILITY & REHABILITATION DEVICES**
[54] **POIGNEES ERGONOMIQUES DESTINEES A DES DISPOSITIFS DE MOBILITE ET DE REHABILITATION**
[72] SHINTANI, MANDY, CA
[72] CLENNETT, JOCELYN, CA
[72] OLIVER, DIANA, CA
[71] URBAN POLING INC., CA
[22] 2016-03-08
[41] 2017-09-08

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[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 10/10 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR EVENT SCHEDULING**
[54] **SYSTEMES ET METHODES DE PLANIFICATION D'EVENEMENT**
[72] TOOR, RAVINDER SINGH, CA
[71] TOOR, RAVINDER SINGH, CA
[22] 2016-03-08
[41] 2017-09-08

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[51] **Int.Cl. G09F 13/00 (2006.01) G09F 9/00 (2006.01) G09F 19/12 (2006.01)**
[25] EN
[54] **LIGHT-EMITTING SIGN APPARATUS**
[54] **APPAREIL DE SIGNALISATION EMETTANT DE LA LUMIERE**
[72] ARTEAU, PATRICE, CA
[72] BELANGER, LUC, CA
[72] LAFORCE, ROBERT, CA
[71] TRAFIC INNOVATION INC., CA
[22] 2016-03-09
[41] 2017-09-09

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[13] A1
[51] **Int.Cl. B05B 12/14 (2006.01)**
[25] EN
[54] **ZERO WASTE COLOR CHANGE SYSTEM**
[54] **SYSTEME DE CHANGEMENT DE COULEUR NE PRODUISANT PAS DE DECHET**
[72] ROBERT, PIERRE-ALEXANDRE, CA
[71] PACCAR INC, US
[22] 2016-03-29
[41] 2017-09-04
[30] CA (2,922,742) 2016-03-04

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[51] **Int.Cl. B62D 53/06 (2006.01) B60P 3/00 (2006.01)**
[25] EN
[54] **A TRAILER**
[54] **UNE REMORQUE**
[72] FEROS, NICHOLAS, AU
[71] VINIDEX PTY LIMITED, AU
[22] 2016-04-08
[41] 2017-09-08
[30] AU (2016100252) 2016-03-08

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[13] A1
[51] **Int.Cl. E04B 2/96 (2006.01) E04B 2/88 (2006.01)**
[25] EN
[54] **BUILDING FACADE SYSTEM**
[54] **SYSTEME DE FACADE DE BATIMENT**
[72] LEVAN, KURTIS E., US
[71] LEVAN, KURTIS E., US
[22] 2016-06-06
[41] 2017-09-03
[30] US (62/302,894) 2016-03-03
[30] US (15/082,071) 2016-03-28

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[13] A1
[51] **Int.Cl. F24C 7/00 (2006.01) F24D 13/00 (2006.01)**
[25] EN
[54] **ELECTRIC FIREPLACE INSERT WITH INTERCHANGEABLE FIREBOX MODULES**
[54] **INSERTION DE FOYER ELECTRIQUE A MODULE DE FOYER INTERCHANGEABLE**
[72] TAO, LETAO, US
[72] BAADE, JONELL, US
[72] KOHLER, PAUL ALBERT, US
[71] LF CENTENNIAL LIMITED, VG
[22] 2016-08-10
[41] 2017-09-09
[30] US (62/306,059) 2016-03-09
[30] US (15/167,234) 2016-05-27

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[51] **Int.Cl. H04W 8/02 (2009.01) H04W 4/04 (2009.01) G06Q 30/02 (2012.01) G06F 3/12 (2006.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **BEACON NETWORK FOR IDENTIFYING SHOPPER LOCATIONS AND PROVIDING ENHANCED SHOPPER SERVICES**
[54] **RESEAU DE BALISES SERVANT A IDENTIFIER LES EMPLACEMENTS D'ACHETEUR ET A FOURNIR DES SERVICES AMELIORES AUX ACHETEURS**
[72] NAJARI, AMIR, CA
[72] LEHOTSKY, DANIEL ADOLF, CA
[72] WU, CHRISTOPHER, CA
[71] SEIKO EPSON CORPORATION, JP
[22] 2016-11-01
[41] 2017-09-09
[30] US (15/064,863) 2016-03-09

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[13] A1
[51] **Int.Cl. G06F 3/12 (2006.01) H04W 4/02 (2009.01) H04W 80/08 (2009.01) G07G 5/00 (2006.01)**
[25] EN
[54] **CONFIGURATION OF EQUIPMENT WITH RETAILER AND GEOLOCATION INFORMATION**
[54] **CONFIGURATION D'EQUIPEMENT A PARTIR D'INFORMATION DE DETAILLANT ET DE GEOLOCALISATION**
[72] LEHOTSKY, DANIEL ADOLF, CA
[72] NAJARI, AMIR, CA
[72] WU, CHRISTOPHER, CA
[71] SEIKO EPSON CORPORATION, JP
[22] 2016-11-01
[41] 2017-09-09
[30] US (15/064,849) 2016-03-09

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[51] **Int.Cl. F16K 31/02 (2006.01) F02B 43/00 (2006.01) F02D 19/02 (2006.01) F02M 21/02 (2006.01) F16K 17/00 (2006.01) F16K 21/00 (2006.01) F16K 31/06 (2006.01) F17C 13/04 (2006.01)**
[25] EN
[54] **GASEOUS FLUID CONDITIONING MODULE**
[54] **MODULE DE CONDITIONNEMENT DE FLUIDE GAZEUX**
[72] TEN BROEKE, SEBASTIAAN M. E., NL
[72] FAASSEN, ANTONIUS T. A., NL
[72] EXALTO, RAY A., NL
[72] VISSCHER, JEROEN, NL
[72] VAN SWAM, DAVE, NL
[71] PRINS AUTOGASSYSTEMEN B.V., NL
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[41] 2017-09-04
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[13] A1
[51] **Int.Cl. B61K 13/00 (2006.01) B61L 23/00 (2006.01)**
[25] EN
[54] **HAZARDOUS EVENT ALERT SYSTEMS AND METHODS**
[54] **SYSTEMES D'ALERTE D'EVENEMENTS DANGEREUX ET METHODES**
[72] BRAMUCCI, JOSHUA M., US
[72] HENNIGES, BENJAMIN, US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
[22] 2016-11-14
[41] 2017-09-07
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[13] A1
[51] **Int.Cl. B61H 11/02 (2006.01) B61H 9/00 (2006.01) B61H 13/00 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD, AND APPARATUS FOR IMPROVING SAFETY OF ECP-EQUIPPED TRAINS WITH FLAMMABLE CARGO**
[54] **SYSTEME, METHODE ET APPAREIL D'AMELIORATION DE LA SECURITE DE TRAINS EQUIPES D'ECP RELATIVEMENT AUX MARCHANDISES INFLAMMABLES**
[72] NAYLOR, MICHAEL A., US
[72] GANGEMELLA, DONALD W., US
[72] KLEMANSKI, RICHARD S., US
[72] HAAS, CARL L., US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
[22] 2016-11-15
[41] 2017-09-07
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[51] **Int.Cl. A01C 5/04 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **A SEEDING TOOL**
[54] **UN OUTIL DE SEMENCE**
[72] RYAN, JOHN WILLIAM, AU
[71] AUSPLOW PTY. LTD., AU
[22] 2016-12-02
[41] 2017-09-08
[30] AU (2016900858) 2016-03-08

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[51] **Int.Cl. B23K 9/10 (2006.01) B23K 9/32 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS TO SWITCH A WELD POWER OUTPUT**
[54] **METHODES ET APPAREIL DE COMMUTATION D'UNE SORTIE DE COURANT DE SOUDURE**
[72] RYAN, JOSEPH ROBERT, US
[72] BYRNE, JAMES ANDREW, US
[72] ACHTNER, RICHARD MARK, US
[72] SALSICH, ANTHONY VAN BERGEN, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2017-01-05
[41] 2017-09-07
[30] US (15/062,775) 2016-03-07

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[13] A1
[51] **Int.Cl. A61B 3/113 (2006.01) G06T 7/73 (2017.01) G06T 7/00 (2017.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **DISPLACEMENT DETERMINATION PROGRAM, METHOD, AND INFORMATION PROCESSING APPARATUS**
[54] **PROGRAMME DE DETERMINATION DE DEPLACEMENT, METHODE ET APPAREIL DE TRAITEMENT DE L'INFORMATION**
[72] TOMIMORI, HIDEKI, JP
[72] NAKASHIMA, SATOSHI, JP
[71] FUJITSU LIMITED, JP
[22] 2017-01-17
[41] 2017-09-07
[30] JP (2016-043045) 2016-03-07

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[51] **Int.Cl. F17C 1/16 (2006.01)**
[25] EN
[54] **PRESSURE VESSEL WITH DOME SUPPORTED DIAPHRAGM**
[54] **RECIPIENT SOUS PRESSION A DIAPHRAGME SOUTENU PAR UN DOME**
[72] COGLIATI, MICHAEL, US
[72] VAN HAAREN, CHRISTOPHER A., US
[71] AMTROL LICENSING INC., US
[22] 2017-01-20
[41] 2017-09-09
[30] US (15/065,371) 2016-03-09

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[51] **Int.Cl. E02D 29/02 (2006.01)**
[25] EN
[54] **MONOLITHIC RETAINING WALL**
[54] **MUR DE SOUTENEMENT MONOLITHIQUE**
[72] SIMONSON, ROBERT, CA
[71] EXCEL PROJECT MANAGEMENT LTD., CA
[22] 2017-01-24
[41] 2017-09-08
[30] US (15063652) 2016-03-08

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[51] **Int.Cl. H04B 1/04 (2006.01) H01Q 9/00 (2006.01) H03H 7/38 (2006.01)**
[25] EN
[54] **RADIO TRANSMITTER SYSTEM AND METHOD**
[54] **SYSTEME D'EMETTEUR RADIO ET METHODE**
[72] HERSHBERGER, DAVID LEE, US
[71] CONTINENTAL ELECTRONICS CORP., US
[22] 2017-01-26
[41] 2017-09-04
[30] US (15/061,288) 2016-03-04

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[51] **Int.Cl. A01B 15/16 (2006.01) A01B 33/08 (2006.01)**
[25] EN
[54] **DISK GUARD SUPPORT**
[54] **SUPPORT DE PROTEGE-DISQUE**
[72] STEPHENSON, ROGER, US
[72] AESCHLIMAN, TODD, US
[72] NICHOLS, THOMAS, US
[71] DEERE & COMPANY, US
[22] 2017-02-01
[41] 2017-09-04
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[25] EN
[54] **JOINT FOR ROTARY CUTTERBAR**
[54] **JOINT DESTINE A UNE BARRE DE COUPE ROTATIVE**
[72] STEPHENSON, ROGER, US
[72] AESCHLIMAN, TODD, US
[72] NICHOLS, THOMAS, US
[71] DEERE & COMPANY, US
[22] 2017-02-02
[41] 2017-09-04
[30] US (62/303,430) 2016-03-04
[30] US (15/402,460) 2017-01-10

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[13] A1
[51] **Int.Cl. A01D 34/76 (2006.01) A01D 34/66 (2006.01)**
[25] EN
[54] **CUTTERBAR MODULE STRUCTURE**
[54] **STRUCTURE DE MODULE DE BARRE DE COUPE**
[72] STEPHENSON, ROGER, US
[72] AESCHLIMAN, TODD, US
[72] NICHOLS, THOMAS, US
[71] DEERE & COMPANY, US
[22] 2017-02-03
[41] 2017-09-04
[30] US (62/303,426) 2016-03-04
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[51] **Int.Cl. A01D 34/66 (2006.01) A01D 34/76 (2006.01)**
[25] EN
[54] **ROTARY CUTTERBAR MODULE END CAP**
[54] **CAPUCHON D'EXTREMITE DE MODULE DE BARRE DE COUPE ROTATIVE**
[72] STEPHENSON, ROGER, US
[72] AESCHLIMAN, TODD, US
[72] NICHOLS, THOMAS, US
[71] DEERE & COMPANY, US
[22] 2017-02-03
[41] 2017-09-04
[30] US (62/303,434) 2016-03-04
[30] US (15/402,481) 2017-01-10

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[25] EN
[54] **DEBRIS DIVERTER FOR ROTARY CUTTERBAR**
[54] **DEFLECTEUR DE DEBRIS DESTINE A UNE BARRE DE COUPE ROTATIVE**
[72] STEPHENSON, ROGER, US
[71] DEERE & COMPANY, US
[22] 2017-02-03
[41] 2017-09-04
[30] US (62/303,438) 2016-03-04
[30] US (15/402,448) 2017-01-10

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[51] **Int.Cl. F01D 9/04 (2006.01) F01D 11/08 (2006.01) F01D 11/24 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE WITH COMPLIANT LAYER FOR TURBINE SHROUD MOUNTS**
[54] **TURBINE A GAZ A COUCHE CONFORME DESTINEE A DES FIXATIONS DE CARENAGE DE TURBINE**
[72] VETTERS, DANIEL K., US
[72] PETTY, JACK D., US
[71] ROLLS-ROYCE CORPORATION, US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
[22] 2017-02-07
[41] 2017-09-09
[30] US (15/065,256) 2016-03-09

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[51] **Int.Cl. G06K 9/62 (2006.01) G06K 9/46 (2006.01) G06N 3/02 (2006.01)**
[25] EN
[54] **HYBRID DETECTION RECOGNITION SYSTEM**
[54] **SYSTEME DE RECONNAISSANCE ET DETECTION HYBRIDE**
[72] KWON, JUNGHYUN, US
[72] NARASIMHA, RAMYA, US
[72] SCHWARTZ, EDWARD L., US
[72] MCFARLAND, MAX, US
[72] SAVARESE, SILVIO, US
[72] BERKNER, KATHRIN, US
[71] RICOH COMPANY, LTD., JP
[22] 2017-02-09
[41] 2017-09-07
[30] US (62/304,713) 2016-03-07
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[25] EN
[54] **HYPERVISOR-BASED INTERCEPTION OF MEMORY ACCESSES**
[54] **INERCEPTION D'ACCES MEMOIRE FONDEE SUR UN HYPERVISEUR**
[72] IONESCU, ION-ALEXANDRU, US
[71] CROWDSTRIKE, INC., US
[22] 2017-02-07
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[51] **Int.Cl. E04F 15/00 (2006.01) E04F 15/02 (2006.01)**
[25] EN
[54] **TILING LAMINATE, PROCESS AND USE**
[54] **LAMELLE DE CARRELAGE, PROCEDE ET UTILISATION**
[72] KRAUSZ, GABRIEL, CA
[71] KABLAN DEVELOPMENTS INC., CA
[22] 2017-02-09
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[25] EN
[54] **A HOIST TOOL FOR HANDLING A SHRINK ELEMENT OF A GEAR SYSTEM**
[54] **UN OUTIL DE LEVAGE DESTINE A MANIPULER UN ELEMENT REDUCTEUR D'UN MECANISME D'ENGRENAGE**
[72] FREEMAN, CASEY, US
[71] MOVENTAS GEARS OY, FI
[22] 2017-02-10
[41] 2017-09-04
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[25] FR
[54] **BREATHING ASSISTANCE DEVICE USED IN CARDIOPULMONARY RESUSCITATION**
[54] **APPAREIL D'ASSISTANCE RESPIRATOIRE UTILISABLE EN REANIMATION CARDIO-PULMONAIRE**
[72] FOURNIER, MAXENCE, FR
[72] JACQUOT, ERIC, FR
[72] LIBARDI, MICKAEL, FR
[71] AIR LIQUIDE MEDICAL SYSTEMS, FR
[22] 2017-02-13
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[25] EN
[54] **ELONGATED FLEXIBLE INDUCTOR AND ELONGATED AND FLEXIBLE LOW-FREQUENCY ANTENNA**
[54] **INDUCTEUR FLEXIBLE ALLONGE ET ANTENNE BASSE FREQUENCE FLEXIBLE ET ALLONGEE**
[72] ROJAS CUEVAS, ANTONIO, ES
[72] NAVARRO PEREZ, FRANCISCO EZEQUIEL, ES
[72] CANETE CABEZA, CLAUDIO, ES
[71] PREMO, S.L., ES
[22] 2017-02-15
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[51] **Int.Cl. B28D 7/04 (2006.01) B28D 1/02 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD OF HANDLING STONE SAMPLES**
[54] **DISPOSITIF ET METHODE DE MANIPULATION D'ECHANTILLONS DE ROCHE**
[72] KAHKONEN, MIKA, FI
[71] NURMEKSEN TYOSTO JA TARVIKE OY, FI
[22] 2017-02-15
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[51] **Int.Cl. F02C 9/18 (2006.01) F01D 17/10 (2006.01) F02C 6/08 (2006.01)**
[25] EN
[54] **HIGH PRESSURE COMPRESSOR AUGMENTED BLEED WITH AUTONOMOUSLY ACTUATED VALVE**
[54] **PURGE AUGMENTEE PAR UN COMPRESSEUR HAUTE PRESSION A VANNE ACTIONNEE AUTOMATIQUEMENT**
[72] THOMAS, MICHAEL ANTHONY, JR., US
[72] MOECKEL, CURTIS WILLIAM, US
[72] FASIG, DAVID WILLIAM, US
[72] FLORES, CARLOS IVAN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-16
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[51] **Int.Cl. H05B 6/02 (2006.01) H05B 6/06 (2006.01) H05K 5/06 (2006.01)**
[25] EN
[54] **MAGNETIC INDUCTIVE RAIL SWITCH HEATER**
[54] **CHAUFFE-COMMUTATEUR DE RAIL A INDUCTION MAGNETIQUE**
[72] JOHNSTON, JEFFREY ROSS, US
[71] JOHNSTON, JEFFREY ROSS, US
[22] 2017-02-16
[41] 2017-09-04
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[51] **Int.Cl. F02C 9/22 (2006.01) F01D 9/02 (2006.01) F01D 9/04 (2006.01)**
[25] EN
[54] **MODULATED HYBRID VARIABLE AREA TURBINE NOZZLE FOR GAS TURBINE ENGINE**
[54] **BUSE DE TURBINE A SURFACE VARIABLE HYBRIDE MODULEE DESTINEE A UNE TURBINE A GAZ**
[72] BENTLEY, DAVID TODD, US
[72] JOHNSON, CHRISTOPHER RYAN, US
[72] POWELL, BRANDON FLOWERS, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-16
[41] 2017-09-04
[30] US (15/060,876) 2016-03-04

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[51] **Int.Cl. C10G 2/00 (2006.01) C10L 3/00 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING SYNTHESIS GAS**
[54] **PROCEDE DE PRODUCTION DE GAZ SYNTHETIQUE**
[72] HEINZEL, ALBRECHT, DE
[72] MABROUK, RACHID, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
[22] 2017-02-21
[41] 2017-09-08
[30] DE (102016002728.2) 2016-03-08

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[51] **Int.Cl. B64C 25/02 (2006.01) B64C 25/10 (2006.01) B64C 25/26 (2006.01)**
[25] EN
[54] **AIRCRAFT LANDING GEAR ASSEMBLY**
[54] **DISPOSITIF DE TRAIN D'ATTERRISSAGE D'UN AERONEF**
[72] GREEN, CHRIS, GB
[72] GREEN, KAY, GB
[71] SAFRAN LANDING SYSTEMS UK LIMITED, GB
[22] 2017-02-21
[41] 2017-09-04
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[51] **Int.Cl. F16J 15/16 (2006.01) F16J 15/3284 (2016.01)**
[25] EN
[54] **SEAL RING FOR VEHICLES**
[54] **BAGUE D'ETANCHEITE DESTINEE A DES VEHICULES**
[72] IZUMI, MASAO, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2017-02-16
[41] 2017-09-03
[30] JP (JP2016-040582) 2016-03-03

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[13] A1
[51] **Int.Cl. E01C 23/088 (2006.01) E02F 9/28 (2006.01) E21C 35/197 (2006.01)**
[25] EN
[54] **BIT HOLDER (PICK) WITH SHORTENED SHANK AND ANGULAR DIFFERENTIAL BETWEEN THE SHANK AND BASE BLOCK BORE**
[54] **SUPPORT DE FORET (PIC) A TIGE RACCOURCIE ET DIFFERENTIEL ANGULAIRE ENTRE LA TIGE ET LE TROU DE BLOC DE BASE**
[72] SOLLAMI, PHILLIP, US
[71] THE SOLLAMI COMPANY, US
[22] 2017-02-23
[41] 2017-09-05
[30] US (62/304,169) 2016-03-05
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[51] **Int.Cl. E01C 23/08 (2006.01) E21C 25/18 (2006.01)**
[25] EN
[54] **BIT HOLDER WITH ENLARGED TIRE PORTION AND NARROWED BIT HOLDER BLOCK**
[54] **SUPPORT DE FORET A PORTION DE TIGE ELARGIE ET A BLOC DE SUPPORT DE FORET RETRECI**
[72] SOLLAMI, PHILLIP, US
[71] THE SOLLAMI COMPANY, US
[22] 2017-02-23
[41] 2017-09-07
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[13] A1
[51] **Int.Cl. F23D 14/84 (2006.01) F23D 14/46 (2006.01)**
[25] EN
[54] **GASEOUS FUEL-AIR BURNER HAVING A BLUFF BODY FLAME STABILIZER**
[54] **BRULEUR DE COMBUSTIBLE GAZEUX-AIR COMPORTANT UN STABILISATEUR DE FLAMME A CORPS NON PROFILE**
[72] GOH, JOSEPH, US
[72] PATTERSON, BRAD, US
[72] LOVETT, EDWARD, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2017-02-22
[41] 2017-09-08
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[51] **Int.Cl. G01G 19/12 (2006.01) B60W 40/13 (2012.01) G01G 23/01 (2006.01)**
[25] EN
[54] **ONBOARD LOAD WEIGHT MEASUREMENT SYSTEM FOR VEHICLES, WITH A MULTIPOINT AUTOMATIC AND SEMI-AUTOMATIC CALIBRATION SYSTEM**
[54] **DISPOSITIF DE MESURE DE POIDS DE CHARGE EMBARQUEE DESTINE A DES VEHICULES, COMPORTANT UN MECANISME D'ETALONNAGE MULTIPOINT AUTOMATIQUE ET SEMI-AUTOMATIQUE**
[72] TOIGO, FREDERICO TIETBOHL, BR
[71] TOIGO IMPORTADORA E DISTRIBUIDORA DE SISTEMAS AUTOMOTIVOS LTDA., BR
[22] 2017-02-23
[41] 2017-09-04
[30] BR (BR102016004840-0) 2016-03-04

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[13] A1
[51] **Int.Cl. B64D 27/02 (2006.01) B64D 27/24 (2006.01) B64D 35/00 (2006.01)**
[25] EN
[54] **PROPULSION SYSTEM FOR AN AIRCRAFT**
[54] **SYSTEME DE PROPULSION DESTINE A UN AERONEF**
[72] VONDRELL, RANDY M., US
[72] POLAKOWSKI, MATTHEW RYAN, US
[72] MURROW, KURT DAVID, US
[72] CRABTREE, GLENN, US
[71] GENERAL ELECTRIC COMPANY, US
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[51] **Int.Cl. H04W 4/12 (2009.01) B64D 47/00 (2006.01)**
[25] EN
[54] **AIRCRAFT MESSAGE ROUTING SYSTEM**
[54] **SYSTEME D'ACHEMINEMENT DE MESSAGE D'AERONEF**
[72] BOLLING, RANDY E., US
[72] STEFFLER, JOSEPH BERNARD, US
[72] GUIDOBONI, MICHAEL FRANCIS, US
[72] SANKAR, VENKAT, IN
[71] GE AVIATION SYSTEMS LLC, US
[22] 2017-02-23
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[51] **Int.Cl. F01D 9/02 (2006.01) F01D 25/12 (2006.01) F01D 25/24 (2006.01) F02C 7/12 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE WITH AN OFFTAKE**
[54] **TURBINE A GAZ A CANAL DE REACTION**
[72] GUIJARRO VALENCIA, ANTONIO, DE
[72] MICHELASSI, VITTORIO, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-23
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[51] **Int.Cl. G01M 15/14 (2006.01) F16H 57/01 (2012.01) F02C 7/36 (2006.01)**
[25] EN
[54] **ENGINE HEALTH MONITORING USING ACOUSTIC SENSORS**
[54] **SURVEILLANCE DE L'ETAT FONCTIONNEL D'UN MOTEUR AU MOYEN DE CAPTEURS ACOUSTIQUES**
[72] SCHMIDT, RICHARD, US
[72] DICKMAN, JOSEPH ROBERT, US
[72] KIRACOFE, DANIEL ROY, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-23
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[25] EN
[54] **STORAGE AND MIXING SYSTEM FOR PASTY CEMENT COMPONENTS AND METHOD THEREFOR**
[54] **SYSTEME D'ENTREPOSAGE ET DE MELANGE DE COMPOSANTES DE CIMENT PATEUX ET METHODE ASSOCIEE**
[72] VOGT, SEBASTIAN, DE
[72] KLUGE, THOMAS, DE
[71] HERAEUS MEDICAL GMBH, DE
[22] 2017-02-23
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[30] DE (10 2016 103 816.4) 2016-03-03

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[25] EN
[54] **SILVER NANOPARTICLE INK**
[54] **ENCRE A NANOPARTICULE D'ARGENT**
[72] SALAMI, PEDRAM, CA
[72] LIU, PING, CA
[72] ALLEN, C. GEOFFREY, CA
[72] CHOPRA, NAVEEN, CA
[72] HALFYARD, KURT I., CA
[71] XEROX CORPORATION, US
[22] 2017-02-21
[41] 2017-09-04
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[51] **Int.Cl. E21B 17/042 (2006.01)**
[25] EN
[54] **SUCKER ROD END**
[54] **EXTREMITE DE TIGE DE POMPAGE**
[72] LEVRINO, ALEJANDRO, AR
[72] PEREYRA, MATIAS GUSTAVO, AR
[72] ALEJANDRE, JESUS AARON ABARCA, MX
[71] TENARIS CONNECTIONS B.V., NL
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[51] **Int.Cl. H05B 37/02 (2006.01) F21K 9/00 (2016.01) F21S 4/20 (2016.01) H03M 5/12 (2006.01)**
[25] EN
[54] **LED DRIVING SYSTEM WITH POWER TRANSMISSION PATH COINCIDED WITH DATA TRANSMISSION PATH**
[54] **MECANISME D'ENTRAINEMENT A DEL DOTE D'UN CHEMIN DE TRANSMISSION D'ALIMENTATION COINCIDANT AVEC UN CHEMIN DE TRANSMISSION DE DONNEES**
[72] LIN, FENGCHENG, CN
[72] GUO, WANGRUI, CN
[72] LIN, HAO, CN
[71] DONGGUAN CITY MINLEON ELECTRONICS CO., LTD., CN
[22] 2017-02-28
[41] 2017-09-03
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[51] **Int.Cl. B26B 21/52 (2006.01) B26B 21/08 (2006.01)**
[25] EN
[54] **RAZOR HANDLE AND METHOD OF MANUFACTURE**
[54] **POIGNEE DE RASOIR ET METHODE DE FABRICATION**
[72] MARTIN, TEVIS KOLL, US
[72] NEWLIN, SCOTT, US
[72] BOEY, BRITTANIA, US
[71] HARRY'S, INC., US
[22] 2017-02-27
[41] 2017-09-04
[30] US (15/061,128) 2016-03-04

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[13] A1
[51] **Int.Cl. E03F 5/04 (2006.01) E03C 1/12 (2006.01) F16L 41/02 (2006.01) F16L 47/32 (2006.01)**
[25] EN
[54] **COUPLING APPARATUS FOR A FLOOR DRAIN AND METHOD OF USE**
[54] **APPAREILLAGE DE RACCORDEMENT DESTINE A UN DRAIN DE PLANCHER ET METHODE D'UTILISATION**
[72] OLSSON, CHRISTER, CA
[71] OLSSON, CHRISTER, CA
[22] 2017-03-01
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[30] CA (2922685) 2016-03-03

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[51] **Int.Cl. B65D 43/22 (2006.01) B65D 51/16 (2006.01)**
[25] EN
[54] **LID HAVING A DUAL CAMMED SEAL ARM ASSEMBLY**
[54] **COUVERCLE COMPORTANT UN DISPOSITIF DE BRAS D'ETANCHEITE A DOUBLE CAME**
[72] COON, ROBERT C., US
[72] GARFIELD, ALEXANDER, US
[71] IGNITE USA, LLC, US
[22] 2017-03-01
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[30] US (15/060,244) 2016-03-03

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[13] A1
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[25] EN
[54] **NO-SPILL DRINKING CONTAINER**
[54] **CONTENANT DE BOISSON ANTI DEVERSEMENT**
[72] COON, ROBERT C., US
[72] HURLEY, PAUL D., US
[71] IGNITE USA, LLC, US
[22] 2017-03-01
[41] 2017-09-03
[30] US (15/060,227) 2016-03-03

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[21] **2,959,607**
[13] A1
[51] **Int.Cl. B65D 43/22 (2006.01) B65D 47/06 (2006.01)**
[25] EN
[54] **LID ASSEMBLY FOR A CONTAINER**
[54] **ENSEMBLE DE COUVERCLE POUR UN CONTENANT**
[72] MATTHIS, MARJAVIS J., US
[71] IGNITE USA, LLC, US
[22] 2017-03-01
[41] 2017-09-03
[30] US (15/060,580) 2016-03-03

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[21] **2,959,633**
[13] A1
[51] **Int.Cl. B64D 47/00 (2006.01) H04W 84/02 (2009.01) B64F 5/60 (2017.01) G01M 15/00 (2006.01) G01M 15/14 (2006.01)**
[25] EN
[54] **WIRELESS ENGINE MONITORING SYSTEM FOR ENVIRONMENTAL EMISSION CONTROL AND AIRCRAFT NETWORKING**
[54] **SYSTEME DE SURVEILLANCE DE MOTEUR SANS FIL DESTINE AU CONTROLE DES EMISSIONS DANS L'ENVIRONNEMENT ET RESEAUTAGE D'AERONEF**
[72] ZIARNO, JAMES J., US
[71] HARRIS CORPORATION, US
[22] 2017-02-28
[41] 2017-09-08
[30] US (15/063,856) 2016-03-08

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[21] **2,959,634**
[13] A1
[51] **Int.Cl. A45F 3/16 (2006.01) B65D 25/44 (2006.01)**
[25] EN
[54] **PORTABLE BEVERAGE CONTAINER FOR SERVING AND ENTERTAINING CHILDREN**
[54] **CONTENANT DE BOISSON PORTATIF DESTINE AU SERVICE ET AU DIVERTISSEMENT DES ENFANTS**
[72] COON, ROBERT C., US
[72] HURLEY, PAUL D., US
[71] IGNITE USA, LLC, US
[22] 2017-03-01
[41] 2017-09-04
[30] US (62/303,926) 2016-03-04

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[21] **2,959,636**
[13] A1
[51] **Int.Cl. B65D 25/28 (2006.01)**
[25] EN
[54] **PORTABLE BEVERAGE CONTAINER WITH ROBUST, COLLAPSIBLE HANDLE**
[54] **CONTENANT DE BOISSON PORTATIF A POIGNEE ROBUSTE ET ECRASABLE**
[72] BOYER, CHRISTOPHER T., US
[72] COON, ROBERT C., US
[72] WASHBURN, BRYAN, US
[71] IGNITE USA, LLC, US
[22] 2017-03-01
[41] 2017-09-04
[30] US (62/303,942) 2016-03-04

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[21] **2,959,639**
[13] A1
[51] **Int.Cl. B62B 5/00 (2006.01) G06Q 10/06 (2012.01) B62B 3/14 (2006.01)**
[25] EN
[54] **ASSIGNMENT OF A MOTORIZED PERSONAL ASSISTANCE APPARATUS**
[54] **ATTRIBUTION D'UN APPAREIL D'AIDE PERSONNELLE MOTORISE**
[72] HIGH, DONALD R., US
[72] WINKLE, DAVID C., US
[72] ATCHLEY, MICHAEL D., US
[71] WAL-MART STORES, INC., US
[22] 2017-03-01
[41] 2017-09-03
[30] US (62/303,021) 2016-03-03

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[21] **2,959,653**
[13] A1
[51] **Int.Cl. A01K 1/035 (2006.01)**
[25] EN
[54] **COLLAPSIBLE PET BED WITH REMOVABLY ATTACHABLE COVER**
[54] **LIT ECRASABLE A REVETEMENT AMOVIBLE POUR ANIMAL DE COMPAGNIE**
[72] MILLER, BRENDA K., US
[71] FOCUS PRODUCTS GROUP INTERNATIONAL, LLC, US
[22] 2017-03-01
[41] 2017-09-08
[30] US (15/063,981) 2016-03-08
[30] US (15/138,762) 2016-04-26

[21] **2,959,779**
[13] A1
[51] **Int.Cl. A47K 11/10 (2006.01) A47L 13/29 (2006.01) A47L 13/44 (2006.01) A47L 13/46 (2006.01)**
[25] EN
[54] **SCISSOR-STYLE TOILET BRUSH**
[54] **BROSSE DE TOILETTE DE STYLE CISEAUX**
[72] LIBMAN, ANDREW D., US
[72] LIBMAN, AARON, US
[72] BOWMAN, VINCENT H., US
[72] LABANCO, SAM K., US
[72] MOURATIS, WILLIAM ANDREW, US
[72] KULUJIAN, CHRISTIAN J., US
[71] THE LIBMAN COMPANY, US
[22] 2017-03-02
[41] 2017-09-04
[30] US (62/303,786) 2016-03-04

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[21] **2,959,780**
[13] A1
[51] **Int.Cl. H02M 1/08 (2006.01) H02M 3/04 (2006.01)**
[25] EN
[54] **CONTROL METHOD FOR POLYPHASE STEP-UP CONVERTER, AND POLYPHASE STEP-UP CONVERTER**
[54] **METHODE DE COMMANDE D'UN CONVERTISSEUR ELEVATEUR POLYPHASE ET CONVERTISSEUR ELEVATEUR POLYPHASE**
[72] HASUKA, YOSHINOBU, JP
[72] KAJIHATA, KAZUO, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2017-03-02
[41] 2017-09-03
[30] JP (2016-041486) 2016-03-03

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[21] **2,959,783**
[13] A1
[51] **Int.Cl. B65D 81/32 (2006.01) B65D 17/44 (2006.01)**
[25] EN
[54] **DISPENSABLE CONTAINMENT VESSEL AND DISPENSING SYSTEM**
[54] **RECIPIENT DE CONFINEMENT DISTRIBUTEUR ET SYSTEME DE DISTRIBUTION**
[72] EKKERT, LEN, US
[72] NICKERSON, DARREN, US
[72] STONEBERG, THOMAS, US
[71] PHOENIX CLOSURES, INC., US
[22] 2017-03-02
[41] 2017-09-09
[30] US (15/065,270) 2016-03-09

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[21] **2,959,791**
[13] A1
[51] **Int.Cl. G01N 1/28 (2006.01) G01N 1/44 (2006.01) G01N 27/62 (2006.01) H01J 49/02 (2006.01)**
[25] EN
[54] **TEMPERATURE INFLUENCED CHEMICAL VAPORIZATION AND DETECTION OF COMPOUNDS HAVING LOW VOLATILITY**
[54] **VAPORISATION CHIMIQUE INFLUENCEE PAR LA TEMPERATURE ET DETECTION DE COMPOSES AYANT UNE FAIBLE VOLATILITE**
[72] VILKOV, ANDREY N., US
[72] WIDJAJA, JOSEPH A., US
[72] SYAGE, JACK A., US
[71] MORPHO DETECTION, LLC, US
[22] 2017-03-03
[41] 2017-09-08
[30] US (15/064,264) 2016-03-08

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[21] **2,959,796**
[13] A1
[51] **Int.Cl. G01N 1/28 (2006.01) G01N 1/44 (2006.01) G01N 27/62 (2006.01) H01J 49/04 (2006.01)**
[25] EN
[54] **CHEMICAL VAPORIZATION AND DETECTION OF COMPOUNDS HAVING LOW VOLATILITY**
[54] **VAPORISATION CHIMIQUE ET DETECTION DE COMPOSES AYANT UNE FAIBLE VOLATILITE**
[72] VILKOV, ANDREY N., US
[72] WIDJAJA, JOSEPH A., US
[72] HANOLD, KARL A., US
[72] SYAGE, JACK A., US
[71] MORPHO DETECTION, LLC, US
[22] 2017-03-03
[41] 2017-09-08
[30] US (15/064,203) 2016-03-08

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[21] **2,959,801**
[13] A1
[51] **Int.Cl. B60P 1/02 (2006.01) B60G 17/017 (2006.01) B60P 1/64 (2006.01) B62B 3/06 (2006.01) B65G 65/32 (2006.01) B65G 67/04 (2006.01) B66F 9/06 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR LOADING A CONTAINER FOR TRANSPORT**
[54] **SYSTEME ET METHODE DE CHARGEMENT D'UN CONTENEUR EN VUE DU TRANSPORT**
[72] REZVANIAN, CYRUS, CA
[71] 2222035 ONTARIO INC, CA
[22] 2017-03-03
[41] 2017-09-03
[30] US (62302865) 2016-03-03

[21] **2,959,818**
[13] A1
[51] **Int.Cl. F17C 1/04 (2006.01) F17C 13/00 (2006.01)**
[25] EN
[54] **SHROUD ASSEMBLY FOR A PORTABLE PRESSURIZED GAS CYLINDER**
[54] **ASSEMBLAGE D'ENVELOPPE POUR BONBONNE DE GAZ SOUS PRESSION PORTABLE**
[72] AGUIAR, CARLOS, PT
[72] PEDROSA, FILIPE, PT
[71] AMTROL LICENSING INC., US
[22] 2017-03-01
[41] 2017-09-07
[30] US (62/304,695) 2016-03-07

[21] **2,959,825**
[13] A1
[51] **Int.Cl. B65D 21/06 (2006.01) B65D 21/032 (2006.01) B65D 43/16 (2006.01)**
[25] EN
[54] **NESTABLE HAMPER WITH MULTI-SEGMENTED LID**
[54] **PANIER A LINGE A COUVERCLE MULTISEGMENTE**
[72] BARRE, BERTRAND, FR
[72] LEPAGE, FRANCIS, FR
[71] NEATFREAK GROUP INC., CA
[22] 2017-03-03
[41] 2017-09-05
[30] US (62/304,171) 2016-03-05
[30] US (15/447,676) 2017-03-02

[21] **2,959,827**
[13] A1
[51] **Int.Cl. B65D 51/28 (2006.01) B65D 25/30 (2006.01) B65D 43/02 (2006.01)**
[25] EN
[54] **FROZEN JUICE CONTAINER**
[54] **CONTENANT DE JUS CONGELE**
[72] BERTHELETTE, ANDRE, CA
[71] BERTHELETTE, ANDRE, CA
[22] 2017-03-03
[41] 2017-09-04
[30] US (62304091) 2016-03-04

[21] **2,959,828**
[13] A1
[51] **Int.Cl. A47G 25/06 (2006.01)**
[25] EN
[54] **GARMENT RACK WITH ROTATABLE BUMPERS**
[54] **SUPPORT A VETEMENT DOTE DE PARECHOCS ROTATIFS**
[72] BARRE, BERTRAND, FR
[72] LEPAGE, FRANCIS, FR
[71] NEATFREAK GROUP INC., CA
[22] 2017-03-03
[41] 2017-09-04
[30] US (62/303,682) 2016-03-04
[30] US (15/447,840) 2017-03-02

[21] **2,959,848**
[13] A1
[51] **Int.Cl. F16K 35/00 (2006.01) F16K 31/60 (2006.01) F17C 13/04 (2006.01)**
[25] FR
[54] **VALVE FOR PRESSURIZED FLUID**
[54] **ROBINET POUR FLUIDE SOUS PRESSION**
[72] FRENAL ANTOINE, FR
[72] ONDO, OLIVIER, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[22] 2017-03-01
[41] 2017-09-03
[30] FR (16 51 799) 2016-03-03

[21] **2,959,851**
[13] A1
[51] **Int.Cl. B07B 1/30 (2006.01) E21B 21/01 (2006.01) E21B 21/06 (2006.01)**
[25] EN
[54] **GAS TIGHT SHALE SHAKER FOR ENHANCED DRILLING FLUID RECOVERY AND DRILLED SOLIDS WASHING**
[54] **TAMIS VIBRANT ETANCHE AU GAZ SERVANT A AMELIORER LA RECUPERATION DE FLUIDE DE FORAGE ET LE LESSIVAGE DES SOLIDES FORES**
[72] ROSS, STAN, CA
[72] PALMER, WENDELL, CA
[71] RECOVERY ENERGY SERVICES INC., CA
[22] 2017-03-02
[41] 2017-09-03
[30] US (60/303,169) 2016-03-03

[21] **2,959,854**
[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01) H04L 12/16 (2006.01) H04W 4/02 (2009.01)**
[25] EN
[54] **INTEREST BASED CONTENT DISTRIBUTION**
[54] **DISTRIBUTION DE CONTENU FONDE SUR L'INTERET**
[72] GIUNIO-ZORKIN, ALEXANDER M., CA
[71] TIC TALKING HOLDINGS INC., CA
[22] 2017-03-03
[41] 2017-09-03
[30] US (15/060,279) 2016-03-03
[30] US (62/330,546) 2016-05-02

[21] **2,959,881**
[13] A1
[51] **Int.Cl. E21B 25/16 (2006.01) E21B 49/02 (2006.01)**
[25] EN
[54] **LOW RESISTANCE CORE SAMPLE MARKING SYSTEM AND METHOD FOR ORIENTATION OF A MARKED CORE SAMPLE**
[54] **SYSTEME DE MARQUAGE D'ECHANTILLON DE PIECE PLEINE A FAIBLE RESISTANCE ET METHODE D'ORIENTATION D'UN ECHANTILLON DE PIECE PLEINE MARQUE**
[72] JONSSON, LENNART, SE
[72] ERIKSEN, LARS A., NO
[72] LOVO, ARNSTEIN, NO
[72] LINDHJEM, RUNE, NO
[71] DEVICO AS, NO
[22] 2017-03-03
[41] 2017-09-04
[30] NO (20160384) 2016-03-04

[21] **2,959,888**
[13] A1
[51] **Int.Cl. B60P 3/22 (2006.01)**
[25] EN
[54] **CARGO TANK ASSEMBLIES WITH GROUND LEVEL ACCESS**
[54] **ASSEMBLAGES DE RESERVOIR DE MARCHANDISE A ACCES AU NIVEAU DU SOL**
[72] CANNON, JOHN F., US
[71] WABASH NATIONAL, L.P., US
[22] 2017-03-03
[41] 2017-09-04
[30] US (62/303,751) 2016-03-04
[30] US (62/309,049) 2016-03-16
[30] US (15/447,808) 2017-03-02

[21] **2,959,891**
[13] A1
[51] **Int.Cl. A47L 9/24 (2006.01) A47L 5/24 (2006.01)**
[25] EN
[54] **ADJUSTABLE VACUUM TUBE CLAMP ASSEMBLY AND VACUUM CLEANERS INCLUDING SAME**
[54] **DISPOSITIF DE PINCE DU TUBE D'ASPIRATEUR AJUSTABLE ET ASPIRATEURS EQUIPES DUDIT DISPOSITIF**
[72] LUTZ, CHRISTOPHER, US
[72] HILL, JASON, US
[72] WILLIAMS, MATTHEW A., US
[72] COOLEY, NICHOLAS JAMES, US
[72] SCHULTZ, DOUGLAS C., US
[72] SANDERS, JEREMY, US
[71] EMERSON ELECTRIC CO., US
[22] 2017-03-03
[41] 2017-09-03
[30] US (62/303,179) 2016-03-03
[30] US (15/447,700) 2017-03-02

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[21] **2,959,892**
[13] A1
[51] **Int.Cl. A47J 31/10 (2006.01) A47J 31/34 (2006.01) A47J 31/44 (2006.01)**
[25] EN
[54] **COFFEE MAKER AND CONTROL METHOD THEREOF**
[54] **CAFETIERE ET METHODE DE COMMANDE ASSOCIEE**
[72] WANG, DONGLEI, CN
[72] CHEN, XUEJUN, CN
[72] LAI, DONGPING, CN
[71] VESTA ELECTRICAL APPLIANCE MANUFACTURING (ZHONGSHAN) CO., LTD., CN
[22] 2017-03-03
[41] 2017-09-04
[30] CN (201610125732.2) 2016-03-04

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[21] **2,959,893**
[13] A1
[51] **Int.Cl. A63F 3/00 (2006.01)**
[25] EN
[54] **WORD-FORMING AND WORD-GUESSING GAME**
[54] **JEU DE FORMATION DE MOT ET DE DEVINETTE DE MOT**
[72] FECHSER, TED J., US
[71] THE UPPER DECK COMPANY, US
[22] 2017-03-03
[41] 2017-09-04
[30] US (62/303,840) 2016-03-04
[30] US (15/274,084) 2016-09-23

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[21] **2,959,896**
[13] A1
[51] **Int.Cl. F24F 13/02 (2006.01) F24D 5/00 (2006.01) F24D 19/00 (2006.01) F24H 9/12 (2006.01)**
[25] EN
[54] **AIR HANDLER AND INSERT FOR THE SAME**
[54] **APPAREIL DE TRAITEMENT DE L'AIR ET INSERTION DESTINEE AUDIT APPAREIL**
[72] HENDERSON, ROBERT BRUCE, CA
[71] HENDERSON, ROBERT BRUCE, CA
[22] 2017-03-06
[41] 2017-09-09
[30] US (15/065,394) 2016-03-09

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[21] **2,959,898**
[13] A1
[51] **Int.Cl. A01G 3/06 (2006.01) A01D 34/416 (2006.01) A01D 34/84 (2006.01) B65H 54/00 (2006.01) B65H 75/34 (2006.01)**
[25] EN
[54] **WINDING MECHANISM FOR A STRING TRIMMER HEAD**
[54] **MECANISME ENROULEUR DESTINE A UNE TETE DE DEBROUSSAILLEUSE**
[72] NOLIN, ERIC, US
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, MO
[22] 2017-03-03
[41] 2017-09-03
[30] US (62/302,983) 2016-03-03

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[21] **2,959,899**
[13] A1
[51] **Int.Cl. B62B 17/04 (2006.01) B62D 55/07 (2006.01)**
[25] EN
[54] **STABILIZER INSERT FOR A SNOWMOBILE**
[54] **INSERTION DE STABILISATEUR DESTINEE A UNE MOTONEIGE**
[72] BEAUDOIN, DENIS, CA
[71] INVESTISSEMENTS D. BEAUDOIN INC., CA
[22] 2017-03-03
[41] 2017-09-03
[30] US (62/303,195) 2016-03-03

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[21] **2,959,901**
[13] A1
[51] **Int.Cl. E21B 7/00 (2006.01)**
[25] EN
[54] **MODULAR DRILLING SYSTEM**
[54] **APPAREIL DE FORAGE MODULAIRE**
[72] MCLAREN, GORDON L., CA
[72] BRISSON, SYLVAIN, CA
[71] 8491844 CANADA CORP. O/A DRILLCO MINING AND EXPLO, CA
[22] 2017-03-03
[41] 2017-09-04
[30] US (62/303,706) 2016-03-04

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[21] **2,959,902**
[13] A1
[51] **Int.Cl. B63C 1/12 (2006.01) B63B 21/04 (2006.01) B63C 3/12 (2006.01) B63B 35/71 (2006.01)**
[25] EN
[54] **WATERCRAFT DOCKING STRUCTURE**
[54] **STRUCTURE DE MISE A QUAI D'EMBARCATION**
[72] LEVIN, KERRY, US
[71] DESIGNER DIRECT, INC., D/B/A LEVIN ASSOCIATES, US
[22] 2017-03-03
[41] 2017-09-03
[30] US (62302873) 2016-03-03
[30] US (15444366) 2017-02-28

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[21] **2,959,903**
[13] A1
[51] **Int.Cl. E03C 1/10 (2006.01) C02F 1/00 (2006.01) E03B 7/07 (2006.01) E03C 1/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR FLUSHING A DRINKING WATER INSTALLATION**
[54] **SYSTEME ET METHODE DE CHASSE D'UNE INSTALLATION D'EAU POTABLE**
[72] BARTENSTEIN, PAUL, DE
[71] UPONOR INNOVATION AB, SE
[22] 2017-03-02
[41] 2017-09-03
[30] DE (102016103833.4) 2016-03-03

[21] **2,959,905**
[13] A1
[51] **Int.Cl. B65F 1/16 (2006.01) B65D 43/26 (2006.01) B65F 1/14 (2006.01)**
[25] EN
[54] **RECEPTACLE ASSEMBLIES WITH MOTION DAMPERS**
[54] **ENSEMBLES DE RECEPTACLES DOTES D'ATTENUATEURS DE MOUVEMENT**
[72] YANG, FRANK, US
[72] CHANG, DI-FONG, US
[72] RAPOPORT, ZACHARY, US
[72] SANDOR, JOSEPH, US
[71] SIMPLEHUMAN, LLC, US
[22] 2017-03-02
[41] 2017-09-03
[30] US (62/303,166) 2016-03-03

[21] **2,959,906**
[13] A1
[51] **Int.Cl. A47G 33/06 (2006.01) H01R 35/00 (2006.01) H02J 4/00 (2006.01)**
[25] EN
[54] **POWERED TREE CONSTRUCTION**
[54] **CONSTRUCTION D'ARBRE ALIMENTE**
[72] OCEGUEDA GALLAGA, VICTOR HUGO, MX
[72] ZHANG, YIFENG, CN
[71] POLYGROUP MACAU LIMITED (BVI), VG
[22] 2017-03-02
[41] 2017-09-04
[30] US (62/303,521) 2016-03-04

[21] **2,959,907**
[13] A1
[51] **Int.Cl. H04W 84/18 (2009.01) E02F 9/26 (2006.01) G01V 3/08 (2006.01) G01V 3/10 (2006.01)**
[25] EN
[54] **WIRELESS SENSOR NETWORK FOR DETECTING EQUIPMENT FAILURE**
[54] **RESEAU DE CAPTEUR SANS FIL SERVANT A DETECTER LA DEFAILLANCE D'EQUIPEMENT**
[72] HASSANEIN, HOSSAM S., CA
[72] ALMA'AITAH, ABDALLAH Y., JO
[72] OBAIA, KHALED, CA
[71] HASSANEIN, HOSSAM S., CA
[71] ALMA'AITAH, ABDALLAH Y., JO
[71] SYNCRUDE CANADA LTD. IN TRUST FOR THE OWNERS OF THE SYNCRUDE PROJECT AS SUCH OWNERS EXIST NOW AND IN THE FUTURE, CA
[22] 2017-03-02
[41] 2017-09-03
[30] US (62/302,909) 2016-03-03

[21] **2,959,917**
[13] A1
[51] **Int.Cl. C02F 1/00 (2006.01) B01F 13/00 (2006.01) C02F 3/00 (2006.01) C02F 3/28 (2006.01) C02F 11/04 (2006.01)**
[25] EN
[54] **MUNICIPAL MIXING WITH RECIPROCATING MOTION DISK**
[54] **MELANGEUR D'EAU MUNICIPALE A DISQUE A MOUVEMENT ALTERNATIF**
[72] GOLDHARDT, JAMES, US
[72] CHRISTIANSEN, HAYDON, US
[71] OVIVO INC., CA
[22] 2017-03-03
[41] 2017-09-04
[30] US (62/304,042) 2016-03-04

[21] **2,959,918**
[13] A1
[51] **Int.Cl. C02F 11/12 (2006.01) C02F 11/00 (2006.01)**
[25] EN
[54] **SLUDGE BLENDING THICKENER**
[54] **EPAISSISSEUR DE MELANGE DE BOUE**
[72] HEIMDAL, TOR, US
[72] CLARK, RYAN, US
[72] HAWKINS, SCOTT, US
[72] VORWALLER, JOHN, US
[71] OVIVO INC., CA
[22] 2017-03-03
[41] 2017-09-04
[30] US (62/303,730) 2016-03-04

[21] **2,959,920**
[13] A1
[51] **Int.Cl. G05B 19/406 (2006.01) G05B 19/402 (2006.01)**
[25] EN
[54] **DIRECT CLIENT INITIATED CNC TOOL SETTING**
[54] **PARAMETRE D'OUTIL A CONTROLE INFORMATIQUE ETABLI PAR LE CLIENT**
[72] CLEMENT, MIGUEL, CA
[72] MENARD, STEPHANE, CA
[72] BRUNEAU, DOMINIQUE, CA
[72] GABRIELS, DAVID, CA
[71] INOVATECH ENGINEERING CORPORATION, CA
[22] 2017-03-06
[41] 2017-09-04
[30] US (62/303,600) 2016-03-04

[21] **2,959,921**
[13] A1
[51] **Int.Cl. B60P 1/43 (2006.01) B65G 67/04 (2006.01) B65G 69/28 (2006.01)**
[25] EN
[54] **RAMP DEVICE FOR LOADING AND UNLOADING VEHICLES**
[54] **DISPOSITIF DE RAMPE SERVANT AU CHARGEMENT ET AU DECHARGEMENT DE VEHICULES**
[72] DELANGHE, ERNEST J., US
[72] SEURER, RANDALL, US
[72] HANNEMAN, JOSEPH EDWARD, US
[72] DATHE, PAUL, US
[72] POTTER, STEVEN W., US
[71] CALIBER, INC., US
[22] 2017-03-06
[41] 2017-09-04
[30] US (62/303,835) 2016-03-04

[21] **2,959,929**
[13] A1
[51] **Int.Cl. E04G 5/00 (2006.01) E04G 5/06 (2006.01) E04G 5/10 (2006.01)**
[25] EN
[54] **SCAFFOLD ACCESSORIES**
[54] **ACCESSOIRES D'ECHAFAUDAGE**
[72] BEAULIEU, HENRI-PASCAL, CA
[71] BEAULIEU, HENRI-PASCAL, CA
[22] 2017-03-07
[41] 2017-09-09
[30] GB (1604080.0) 2016-03-09

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[51] **Int.Cl. E02D 31/00 (2006.01) B09B 3/00 (2006.01)**
[25] EN
[54] **WASTE DISPOSAL CLOSURE SYSTEM**
[54] **MECANISME DE FERMETURE DE DISPOSITIF D'ELIMINATION DE DECHETS**
[72] FROH, RON, US
[72] BRIGGS, ALAN E., US
[72] CLAYTON, JAY, US
[71] COMMERCIAL LIABILITY PARTNERS, LLC, US
[71] KEY ENVIRONMENTAL, INC., US
[22] 2017-03-07
[41] 2017-09-08
[30] US (62/305,300) 2016-03-08
[30] US (62/457,577) 2017-02-10

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[13] A1
[51] **Int.Cl. F21S 4/10 (2016.01) F21K 9/00 (2016.01) A47G 33/06 (2006.01) F21S 10/02 (2006.01) F21V 23/00 (2015.01) H05B 37/02 (2006.01)**
[25] EN
[54] **VARIABLE MULTI-COLOR LED LIGHT STRING AND CONTROLLER FOR AN ARTIFICAL TREE**
[54] **BANDE LUMINEUSE A DEL MULTICOLORE VARIABLE ET COMMANDE DESTINEES A UN ARBRE ARTIFICIEL**
[72] LEUNG, CHI YIN ALAN, HK
[72] KWOK, CHI KIN SAMUEL, CN
[71] POLYGROUP MACAU LIMITED (BVI), VG
[22] 2017-03-03
[41] 2017-09-04
[30] US (62/303,603) 2016-03-04

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[13] A1
[51] **Int.Cl. A47K 3/28 (2006.01) A47B 47/00 (2006.01) A47G 29/08 (2006.01)**
[25] EN
[54] **SHELVING SYSTEM WITH OBSCURABLE SHELVING**
[54] **SYSTEME D'ETAGERE DOTE D'ETAGERE OBSCURCISSABLE**
[72] YANG, FRANK, US
[72] SANDOR, JOSEPH, US
[72] RAPOPORT, ZACHARY, US
[71] SIMPLEHUMAN, LLC, US
[22] 2017-03-03
[41] 2017-09-03
[30] US (15/060,057) 2016-03-03

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[13] A1
[51] **Int.Cl. A61B 5/01 (2006.01) A61B 5/055 (2006.01) A61B 5/06 (2006.01) A61B 18/12 (2006.01)**
[25] EN
[54] **MAGNETIC RESONANCE THERMOMETRY DURING ABLATION**
[54] **THERMOMETRIE PAR RESONANCE MAGNETIQUE PENDANT L'ABLATION**
[72] GOVARI, ASSAF, IL
[72] ALTMANN, ANDRES CLAUDIO, IL
[72] EPHRATH, YARON, IL
[72] GLINER, VADIM, IL
[72] DROR, EYAL, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-03-06
[41] 2017-09-08
[30] US (62/305,026) 2016-03-08
[30] US (15/425,166) 2017-02-06

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[13] A1
[51] **Int.Cl. A47J 31/06 (2006.01) A47J 31/10 (2006.01) B01D 35/02 (2006.01)**
[25] EN
[54] **REUSABLE FILTER CARTRIDGE FOR MULTIPLE BREWER TYPES**
[54] **CARTOUCHE DE FILTRE REUTILISABLE DESTINEE A PLUSIEURS TYPES D'INFUSEUR**
[72] DEMIGLIO, RONALD R., US
[71] EKO BRANDS, LLC, US
[22] 2017-03-06
[41] 2017-09-04
[30] US (15061082) 2016-03-04

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[13] A1
[51] **Int.Cl. C07C 45/41 (2006.01)**
[25] EN
[54] **PROCESSES FOR THE PREPARATION OF HYDROXYLATED CYCLOHEXYL COMPOUNDS**
[54] **PROCEDE DE PREPARATION DE COMPOSES CYCLOHEXYLES HYDROXYLATES**
[72] HUDLICKY, TOMAS, CA
[72] FROESE, JORDAN THOMAS, CA
[71] HUDLICKY, TOMAS, CA
[71] FROESE, JORDAN THOMAS, CA
[22] 2017-03-06
[41] 2017-09-04
[30] US (62/303,444) 2016-03-04

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[13] A1
[51] **Int.Cl. B60Q 11/00 (2006.01) B60K 35/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR VEHICLE SYSTEM DIAGNOSTICS, REPORTING, AND DOT COMPLIANCE**
[54] **SYSTEME ET METHODE DESTINES AU DIAGNOSTIC DE VEHICULE, A LA PRODUCTION DE RAPPORT ET A LA CONFORMITE AUX EXIGENCES REGLEMENTAIRES EN MATIERE DE TRANPORT**
[72] BALASUNDERAM, MURALY, US
[71] SPARTAN MOTORS, INC., US
[22] 2017-03-07
[41] 2017-09-08
[30] US (62/305,306) 2016-03-08

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[13] A1
[51] **Int.Cl. C02F 1/00 (2006.01)**
[25] EN
[54] **SUBMERGED CLARIFIER LAUNDER**
[54] **LESSIVEUR-CLARIFICATEUR SUBMERGE**
[72] VORWALLER, JOHN, US
[72] HEIMDAL, TOR, US
[72] CLARK, RYAN, US
[72] KLINE, TODD, US
[72] PETRONE, RALPH, US
[72] HUGO, BRUCE, US
[72] BEAMAN, TYSON, US
[71] OVIVO INC., CA
[22] 2017-03-06
[41] 2017-09-07
[30] US (15/063,397) 2016-03-07

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[13] A1
[51] **Int.Cl. H02B 1/14 (2006.01)**
[25] EN
[54] **RISK REDUCTION OF ELECTRICAL HAZARDS**
[54] **REDUCTION DU RISQUE DE DANGERS D'ELECTROCUTION**
[72] KUZNIAK, THEODORE ROBERT, CA
[72] ERWIED, JAMES BAXTER, CA
[72] KRAMER, MICHAEL HENDRIK, CA
[72] KUZNIAK, TODD ROBERT, CA
[72] MASSE, GARY JOSEPH, CA
[72] ZALESKI, JOSEPH EMIL, CA
[71] KUZNIAK, THEODORE ROBERT, CA
[71] ERWIED, JAMES BAXTER, CA
[71] KRAMER, MICHAEL HENDRIK, CA
[71] KUZNIAK, TODD ROBERT, CA
[71] MASSE, GARY JOSEPH, CA
[71] ZALESKI, JOSEPH EMIL, CA
[22] 2017-03-07
[41] 2017-09-09
[30] US (62/389,755) 2016-03-09
[30] US (15/444,717) 2017-02-28

[21] **2,960,052**
[13] A1
[51] **Int.Cl. E21B 21/06 (2006.01)**
[25] EN
[54] **INDUCTION HEATER FOR DRILLING CUTTINGS AND OTHER MATERIALS AND METHOD**
[54] **APPAREIL DE CHAUFFAGE A INDUCTION DESTINE AUX DEBLAIS DE FORAGE ET AUTRES MATERIAUX, ET METHODE**
[72] FOLK, ROBERT, CA
[72] LACHANCE, ADRIAN, CA
[71] ELECTRIC HORSEPOWER INC., CA
[22] 2017-03-07
[41] 2017-09-07
[30] US (62/304,897) 2016-03-07

[21] **2,960,073**
[13] A1
[51] **Int.Cl. F24F 13/32 (2006.01) F24F 13/30 (2006.01) F28F 9/007 (2006.01)**
[25] EN
[54] **MODULAR RACK FOR CLIMATE CONTROL SYSTEM**
[54] **SUPPORT MODULAIRE DESTINE A UN SYSTEME DE CONTROLE DU CLIMAT**
[72] MOHIDEEN, ABDUL KADER PEER, IN
[72] RAMASWAMY, SANDESH, IN
[72] RAJENDRAN, VINOTH, IN
[72] KUPPUSWAMY, JANAKIRAMAN, IN
[72] THOKUR, GANESH, IN
[72] USTURGE, OMKAR, IN
[72] JOSEPH, POLY, IN
[71] HEATCRAFT REFRIGERATION PRODUCTS LLC, US
[22] 2017-03-07
[41] 2017-09-08
[30] US (15/063,717) 2016-03-08

[21] **2,960,078**
[13] A1
[51] **Int.Cl. A47J 37/06 (2006.01) A47J 37/07 (2006.01) A47J 37/10 (2006.01)**
[25] EN
[54] **TWO-TIER COOKING AND BASTING APPARATUS**
[54] **APPAREIL A DEUX PARTIES PERMETTANT DE CUIRE ET DE BADIGEONNER**
[72] MUNDT, JOHN, US
[71] MUNDT, JOHN, US
[22] 2017-03-03
[41] 2017-09-03
[30] US (62/303239) 2016-03-03

[21] **2,960,111**
[13] A1
[51] **Int.Cl. A63C 1/30 (2006.01)**
[25] EN
[54] **BLADE HOLDER ASSEMBLY**
[54] **DISPOSITIF DE SUPPORT DE LAME**
[72] CHARTRAND, DANIEL, CA
[72] DAOUST, BERNARD, CA
[71] SPORT MASKA INC., CA
[22] 2017-03-07
[41] 2017-09-08
[30] US (62/305,180) 2016-03-08
[30] US (62/329,281) 2016-04-29

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[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) G06F 15/18 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **A PROCESS TO EXTRACT, COMPARE AND DISTILL CHAIN-OF-EVENTS TO DETERMINE THE ACTIONABLE STATE OF MIND OF AN INDIVIDUAL**
[54] **UN PROCEDE D'EXTRACTION, DE COMPARAISON ET DE DISTILLATION DE CHAINES D'EVENEMENTS EN VUE DE DETERMINER L'ETAT FONCTIONNEL DE L'ESPRIT D'UN INDIVIDU**
[72] SILVALINGAM, CRISHANTH, CA
[72] YAN, HAN, CA
[71] NEURAL INSIGHT INC., CA
[22] 2017-03-06
[41] 2017-09-04
[30] US (62/303,792) 2016-03-04

[21] **2,960,153**
[13] A1
[51] **Int.Cl. A45C 5/14 (2006.01) A45C 5/03 (2006.01)**
[25] EN
[54] **LUGGAGE ARTICLE HAVING OFFSET SUPPORT MEMBERS**
[54] **ARTICLE DE BAGAGE A ELEMENTS DE SUPPORT DECALES**
[72] SALANDER, MARK TYLER, US
[72] SUAREZ-LAMUS, LETICIA, US
[71] SAMSONITE IP HOLDINGS S.A R.L., LU
[22] 2017-03-08
[41] 2017-09-08
[30] US (62/305,503) 2016-03-08

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[13] A1
[51] **Int.Cl. B23D 51/10 (2006.01) B23D 61/12 (2006.01)**
[25] EN
[54] **TOOLLESS BLADE RELEASE MECHANISM FOR A POWER TOOL**
[54] **MECANISME DE DEGAGEMENT DE LAME SANS OUTIL DESTINE A UN OUTIL ELECTRIQUE**
[72] SCOTT, ZACHARY, US
[72] GREGORICH, BRENT, US
[72] MCCRACKEN, ROBERT, US
[72] MOK, KWOK TING, HK
[72] WONG, TSZ KIN, HK
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, MO
[22] 2017-03-08
[41] 2017-09-09
[30] US (15/065,024) 2016-03-09

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[13] A1
[51] **Int.Cl. H01M 8/04664 (2016.01) H01M 8/04089 (2016.01) H01M 8/0438 (2016.01) B60K 1/04 (2006.01) B60K 15/07 (2006.01) B60L 11/18 (2006.01) B60S 5/00 (2006.01)**
[25] EN
[54] **METHOD OF INSPECTING A FUEL CELL SYSTEM, AND THE FUEL CELL SYSTEM**
[54] **METHODE D'INSPECTION D'UN SYSTEME DE PILE A COMBUSTIBLE, ET SYSTEME DE PILE A COMBUSTIBLE**
[72] HOSOI, MASAKI, JP
[72] OHARA, HIROKAZU, JP
[72] MATSUMOTO, YUJI, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2017-03-08
[41] 2017-09-09
[30] JP (2016-045123) 2016-03-09

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[21] **2,960,179**
[13] A1
[51] **Int.Cl. F16H 57/027 (2012.01)**
[25] EN
[54] **VENTILATION STRUCTURE FOR TRANSMISSION**
[54] **STRUCTURE DE VENTILATION DESTINEE A UNE TRANSMISSION**
[72] TANAKA, YOSHINORI, JP
[72] NAGAHAMA, SHINJI, JP
[72] AZUMA, YOHEI, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2017-03-07
[41] 2017-09-09
[30] JP (2016-046254) 2016-03-09

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[13] A1
[51] **Int.Cl. B64D 47/00 (2006.01) B64F 5/60 (2017.01) B64D 43/00 (2006.01) B64D 47/08 (2006.01)**
[25] EN
[54] **AIRCRAFT WING DEFORMATION MONITORING AND ANALYSIS SYSTEM**
[54] **SYSTEME DE SURVEILLANCE ET ANALYSE DE DEFORMATION D'AILE D'AERONEF**
[72] FLECK, TRAVIS W., US
[71] ROSEMOUNT AEROSPACE INC., US
[22] 2017-03-06
[41] 2017-09-09
[30] US (15/064,959) 2016-03-09

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[13] A1
[51] **Int.Cl. A61C 7/12 (2006.01)**
[25] EN
[54] **REMOVABLE ORTHODONTIC CORRECTION DEVICE**
[54] **DISPOSITIF DE CORRECTION ORTHODONTIQUE AMOVIBLE**
[72] HUNG, CHENG-HSIANG, CN
[71] HUNG, CHENG-HSIANG, CN
[22] 2017-03-08
[41] 2017-09-09
[30] CN (201610132939.2) 2016-03-09

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[13] A1
[51] **Int.Cl. E05D 15/06 (2006.01) E05D 13/00 (2006.01) E06B 3/46 (2006.01)**
[25] EN
[54] **SLIDING BARN DOOR HARDWARE**
[54] **QUINCAILLERIE DE PORTE DE GRANGE COULISSANTE**
[72] BORING, TOMMY, US
[72] SISSON, STEPHEN, US
[72] COOPER, JAMES, US
[72] MIRANDA, JOE, US
[72] POWELL, BRIAN, US
[71] JELD-WEN, INC., US
[22] 2017-03-07
[41] 2017-09-07
[30] US (62/304885) 2016-03-07

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[13] A1
[51] **Int.Cl. G01S 1/00 (2006.01) F42B 6/04 (2006.01) F42B 6/06 (2006.01) G01S 1/08 (2006.01) F21V 33/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR LOCATING ARROWS**
[54] **SYSTEMES ET METHODES DE REPERAGE DE FLECHES**
[72] EMRICH, BRYAN, US
[72] DAOURA, DANIEL JABRE, US
[72] PEARSON-FRANKS, NICHOLAS RYAN, US
[71] BREADCRUMB, LLC, US
[22] 2017-03-07
[41] 2017-09-08
[30] US (62/305,418) 2016-03-08

[21] **2,960,222**
[13] A1
[51] **Int.Cl. B07C 5/34 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PRODUCT SORTATION**
[54] **SYSTEMES ET METHODES DE TRI DE PRODUITS**
[72] WAHLMEIER, SHAYNE, US
[72] ROGERS, BRYAN, US
[72] SOLANA, JESSICA LYNN, US
[72] HARCAR, MUSTAFA ALI, US
[72] RIZKALLAH, ANDREW JOSEPH, US
[71] WAL-MART STORES, INC., US
[22] 2017-03-08
[41] 2017-09-09
[30] US (62/305,816) 2016-03-09

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[13] A1
[51] **Int.Cl. F16L 55/44 (2006.01)**
[25] EN
[54] **GUIDE FOR A PIPELINE PIG**
[54] **GUIDE DE RACLEUR DE PIPELINE**
[72] WALTER, BRONISLAV, CA
[72] WALTER, SCOTT, CA
[71] WALTER, BRONISLAV, CA
[71] WALTER, SCOTT, CA
[22] 2017-03-08
[41] 2017-09-08
[30] CA (2,923,031) 2016-03-08

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[21] **2,960,243**
[13] A1
[51] **Int.Cl. B60S 5/00 (2006.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **SYSTEMS AND APPARATUSES FACILITATING A DO-IT-YOURSELF EXPERIENCE-BASED REPAIR SOLUTION**
[54] **SYSTEMES ET APPAREIL FACILITANT UNE SOLUTION DE REPARATION FONDEE SUR L'EXPERIENCE AUTONOME**
[72] SHIPMAN, MICHAEL PAUL, US
[72] BROWN, SCOTT F., US
[72] WITHERS, DESTRY J., US
[72] MORGAN, HOWARD BRYSON, US
[71] AUTOZONE PARTS, INC., US
[22] 2017-03-09
[41] 2017-09-09
[30] US (62/305,643) 2016-03-09
[30] US (15/450,486) 2017-03-06

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[13] A1
[51] **Int.Cl. G06K 9/50 (2006.01) G06K 9/80 (2006.01)**
[25] FR
[54] **IMAGE IMPROVEMENT DEVICE APPLICABLE TO FINGERPRINT IMAGES**
[54] **PROCEDE D'AMELIORATION D'IMAGES APPLICABLE AUX IMAGES D'EMPREINTES DIGITALES**
[72] KAZDAGHLI, LAURENT, FR
[72] THUILLIER, CEDRIC, FR
[72] COUTURIER, LAURIANE, FR
[71] SAFRAN IDENTITY & SECURITY, FR
[22] 2017-03-06
[41] 2017-09-04
[30] FR (16/51822) 2016-03-04

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[13] A1
[51] **Int.Cl. A01B 33/14 (2006.01) A01B 33/10 (2006.01) A01G 23/00 (2006.01)**
[25] EN
[54] **IMPROVED TOOTH AND TOOTHHOLDER FOR INDUSTRIAL MULCHING APPARATUS**
[54] **DENT AMELIOREE ET SUPPORT DE DENT DESTINE A UN APPAREIL DE DECHIQUETAGE INDUSTRIEL**
[72] NOEL, MARCEL, CA
[71] IMEX SOURCING INC., CA
[22] 2017-03-08
[41] 2017-09-08
[30] US (62/305,120) 2016-03-08

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[13] A1
[51] **Int.Cl. C10G 31/10 (2006.01) E21B 43/34 (2006.01) E21B 43/40 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR HANDLING RAW OIL AND STRUCTURES RELATED THERETO**
[54] **METHODES ET SYSTEMES DE TRAITEMENT D'HUILE BRUTE ET STRUCTURES ASSOCIEES**
[72] FORMOSO, DANIEL J., US
[72] CLARK, CHARLES L., US
[72] YOUNG, ERLING J., US
[71] NANA WORLEYPARSONS LLC, US
[22] 2017-03-08
[41] 2017-09-09
[30] US (62/305,880) 2016-03-09
[30] US (15/158,977) 2016-05-19

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[13] A1
[51] **Int.Cl. A61F 2/46 (2006.01) A61F 2/30 (2006.01) A61F 2/32 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR JOINT REPLACEMENT**
[54] **METHODE ET DISPOSITIF DE REMPLACEMENT D'ARTICULATION**
[72] BIRMINGHAM, PATRICK, US
[71] BIRMINGHAM, PATRICK, US
[22] 2017-03-08
[41] 2017-09-09
[30] US (15/064,758) 2016-03-09

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[13] A1
[51] **Int.Cl. G06T 19/20 (2011.01) G06T 13/20 (2011.01) G06T 17/20 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR AUTOMATED VIRTUAL GEOMETRY DEFORMATION**
[54] **SYSTEMES ET METHODES DE DEFORMATION GEOMETRIQUE VIRTUELLE AUTOMATISEE**
[72] SHIPKOV, PETER, US
[72] YUEN, SIMON, US
[72] WAGENER, MALTE, US
[71] DELUXE MEDIA CREATIVE SERVICES INC., US
[22] 2017-03-08
[41] 2017-09-09
[30] US (15/065,114) 2016-03-09

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[13] A1
[51] **Int.Cl. A61B 34/00 (2016.01) A61B 34/30 (2016.01)**
[25] EN
[54] **MODULAR DEVICE COMPRISING MECHANICAL ARMS**
[54] **APPAREIL MODULAIRE COMPORTANT DES BRAS MECANIQUES**
[72] COHEN, DVIR, IL
[72] LEVINSON, YARON, IL
[71] MEMIC INNOVATIVE SURGERY LTD., IL
[22] 2017-03-09
[41] 2017-09-09
[30] US (62/305631) 2016-03-09
[30] US (62/305613) 2016-03-09

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[13] A1
[51] **Int.Cl. A01B 29/00 (2006.01) A01B 73/00 (2006.01) E01C 19/23 (2006.01)**
[25] EN
[54] **LAND ROLLER**
[54] **ROULEAU A TERRAIN**
[72] SMYTH, BARRY W., CA
[72] THOMSON, MATTHEW D., CA
[71] SMYTH WELDING & MACHINE SHOP LTD., CA
[22] 2017-03-07
[41] 2017-09-08
[30] US (62/305,156) 2016-03-08

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[13] A1
[51] **Int.Cl. B07B 1/46 (2006.01) B07B 1/42 (2006.01)**
[25] EN
[54] **VIBRATORY CLASSIFIER APPARATUS**
[54] **APPAREIL DE CLASSEMENT PAR VIBRATION**
[72] ERICKSON, SHAWN, US
[72] TUFFORD, CODY, US
[72] GRIMM, LAFE, US
[72] LARSON, RYAN, US
[71] SUPERIOR INDUSTRIES, INC., US
[22] 2017-03-09
[41] 2017-09-09
[30] US (62/305,810) 2016-03-09
[30] US (62/332,180) 2016-05-05
[30] US (62/372,563) 2016-08-09
[30] US (62/410,660) 2016-10-20

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[13] A1
[51] **Int.Cl. G02B 5/20 (2006.01) G02B 5/30 (2006.01) H04J 14/00 (2006.01) H04J 14/02 (2006.01) H04J 14/06 (2006.01)**
[25] EN
[54] **OPTICAL BANDPASS FILTER, POLARIZER AND MULTIPLEXER**
[54] **FILTRE PASSE-BANDE OPTIQUE, POLARISEUR ET MULTIPLEXEUR**
[72] DECORBY, RAY, CA
[72] ALLEN, TREVOR, CA
[72] MELNYK, AARON, CA
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
[22] 2017-03-08
[41] 2017-09-08
[30] US (62305208) 2016-03-08

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[13] A1
[51] **Int.Cl. B60G 7/00 (2006.01) F16C 11/06 (2006.01)**
[25] EN
[54] **LOCKING BOOT FOR BALL JOINT**
[54] **BOTTE DE BLOCAGE DE JOINT A BILLE**
[72] WINTER, SIMON, CA
[72] MCVEIGH, JACK, CA
[72] KEARNS, TYLER, CA
[72] LUIZ, ROSAN, CA
[71] MEVOTECH LP, CA
[22] 2017-05-12
[41] 2017-09-06
[30] US (15/338,933) 2016-10-31

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[13] A1
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[72] PREVOST, BRADLEY J., US
[71] TECHNOLOGIES HOLDINGS CORP., US
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[54] **ULTRASONIC METHOD AND DEVICE FOR CHARACTERISING WEAK ANISOTROPIC MEDIA, AND ULTRASONIC PROBE ASSEMBLY FOR SUCH A CHARACTERISATION DEVICE**
[54] **PROCEDE ET DISPOSITIF ULTRASONORE DE CARACTERISATION DES MILIEUX MOUS ANISOTROPES, ET ENSEMBLE DE SONDE ULTRASONORE POUR UN TEL DISPOSITIF DE CARACTERISATION**
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[72] PERNOT, MATHIEU, FR
[72] FINK, MATHIAS, FR
[72] GENNISSON, JEAN-LUC, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS, FR
[71] (INSERM) INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR
[71] ECOLE SUPERIEURE DE PHYSIQUE ET DE CHIMIE INDUSTRIELLES DE LA VILLE DE PARIS, FR
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[54] **TURBIDIMETRE NEPHELOMETRIQUE A ECLAIRAGE AXIAL ET PHOTODETECTEUR CIRCONFERENTIEL**
[72] LEGGETT, RICHARD EDWARD, US
[72] PERDUE, WAYNE BORIS, DE
[72] MITREITER, ANDREAS, DE
[71] HACH COMPANY, US
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[72] MACE, CATHERINE, CH
[72] GODFREY, KEITH MALCOLM, GB
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[54] **PROCEDES POUR LA CONVERSION DE BIOMASSE EN BTX A FAIBLE TENEUR EN SOUFRE, EN AZOTE ET EN OLEFINES PAR L'INTERMEDIAIRE D'UN PROCEDE DE PYROLYSE CATALYTIQUE RAPIDE**
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[72] SONG, RUOZHI, US
[72] MAZANEC, TERRY J., US
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[72] PIOT, OLIVIER, FR
[72] RIEU, PHILIPPE, FR
[72] FERE, MICHAEL, FR
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[72] BEREZNAK, JAMES FRANCIS, US
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[54] **AMIDES DE BENZOXAZINONE COMME MODULATEURS DU RECEPTEUR DES MINERALCORTICOIDES**
[72] O'MAHONY, GAVIN, SE
[72] KOSSENJANS, MICHAEL, SE
[72] EDMAN, KARL, SE
[72] KAJANUS, JOHAN, SE
[72] HOGNER, CARL ANDERS, SE
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[72] KRIEG, THOMAS, GB
[72] SAEB-PARSY, KOUROSH, GB
[72] MURPHY, MICHAEL PATRICK, GB
[72] WORK, LORRAINE, GB
[72] FREZZA, CHRISTIAN, GB
[71] MEDICAL RESEARCH COUNCIL, GB
[71] CAMBRIDGE ENTERPRISE LIMITED, GB
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[54] **OXYSTEROLS DESTINES AU TRAITEMENT ET A LA PREVENTION DE MALADIES PROVOQUEES PAR DES VIRUS**
[72] LEMBO, DAVID, IT
[72] POLI, GIUSEPPE LEONE GRAZIANO ENRICO, IT
[72] CIVRA, ANDREA, IT
[72] CAGNO, VALERIA, IT
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[54] **PROCEDE ET DISPOSITIF DE DETERMINATION IN OVO PAR SPECTROSCOPIE RAMAN DU SEXE D'□UFS D'OISEAUX FECONDES ET INCUBES**
[72] GALLI, ROBERTA, DE
[72] PREUSSE, GRIT, DE
[72] KOCH, EDMUND, DE
[72] STEINER, GERALD, DE
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[54] **AZEPANYL-DERIVATIVES AND PHARMACEUTICAL COMPOSITIONS COMPRISING THE SAME WITH ANTIPARASITIC ACTIVITY**
[54] **DERIVES D'AZEPANYLE ET COMPOSITIONS PHARMACEUTIQUES A ACTIVITE ANTI-PARASITAIRE LES CONTENANT**
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[71] MERCK PATENT GMBH, DE
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[54] **DIHYDROPYRIDOPYRAZINE-1,8-DIONES ET LEUR UTILISATION DANS LE TRAITEMENT, LE SOULAGEMENT OU LA PREVENTION DE MALADIES VIRALES**
[72] SCHULZ-GASCH, TANJA, CH
[72] WEIKERT, ROBERT, CH
[72] NEIDHART, WERNER, CH
[72] BUSCHMANN, HELMUT, DE
[72] SZOLAR, OLIVER, AT
[72] WOLKERSTORFER, ANDREA, AT
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[72] DEKKER, ROBERT, ES
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[54] **DERIVES D'INDANE ET D'INDOLINE ET LEUR UTILISATION EN TANT QU'ACTIVATEURS DE LA GUANYLATE CYCLASE SOLUBLE**
[72] ADAMS, CHRISTOPHER MICHAEL, US
[72] BEVAN, DOUG, US
[72] CAPPARELLI, MICHAEL PAUL, US
[72] EHARA, TAKERU, US
[72] FERRARA, LUCIANA, US
[72] JI, NAN, US
[72] KATO, MITSUNORI, US
[72] MAINOLFI, NELLO, US
[72] MEREDITH, ERIK, US
[72] MOGI, MUNETO, US
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[72] PRASANNA, GANESH, US
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[54] **SYSTEME D'EPURATEUR DE GAZ D'ECHAPPEMENT DESTINE A PLUSIEURS SOURCES**
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[72] EAGLESON, SCOTT T., US
[72] GURNARI, LAWRENCE, US
[72] DAVIDSON, MELANIE, US
[72] DIERICO, MARCO, IT
[72] LI, WEI, US
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[72] KLEE, JOACHIM E., DE
[71] DENTSPLY DETREY GMBH, DE
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[54] **COMPOSES HETEROCYCLIQUES ET LEUR UTILISATION EN TANT QU'INHIBITEURS GAMMA-T DU RECEPTEUR ORPHELIN APPARENTE AUX RECEPTEURS DES RETINOIDES (ROR))**
[72] YAMAMOTO, SATOSHI, JP
[72] SHIRAI, JUNYA, JP
[72] ODA, TSUNEO, JP
[72] KONO, MITSUNORI, JP
[72] OCHIDA, ATSUKO, JP
[72] IMADA, TAKASHI, JP
[72] TOKUHARA, HIDEKAZU, JP
[72] TOMATA, YOSHIHIDE, JP
[72] ISHII, NAOKI, JP
[72] TAWADA, MICHIKO, JP
[72] FUKASE, YOSHIYUKI, US
[72] YUKAWA, TOMOYA, JP
[72] FUKUMOTO, SHOJI, JP
[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
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[72] HILGERS, LUCAS A. TH., NL
[72] PLATENBURG, PETER PAUL L. I., NL
[72] VAN DEN BOSCH, JOHANNES F., NL
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[72] PARKINSON, DAVID JOHN, GB
[71] DPS BRISTOL (HOLDINGS) LIMITED, GB
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[54] **APPAREIL DE TRAITEMENT DE DECHETS ET PROCEDE D'ALIMENTATION**
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[71] DPS BRISTOL (HOLDINGS) LIMITED, GB
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[54] **FORMES POLYMORPHES DE LA PITAVASTATINE SODIQUE**
[72] MANE, NARENDRA DATTATRAY, IN
[72] NEHATE, SAGAR PURUSHOTTAM, IN
[72] GODBOLE, HIMANSHU MADHAV, IN
[72] SINGH, GIRIJ PAL, IN
[71] LUPIN LIMITED, IN
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[54] **PARTICULES CONTENANT DES POLYMERES RAMIFIES**
[72] RANNARD, STEVE, GB
[72] FORD, JANE, GB
[72] ROGERS, HANNAH, GB
[72] CHAMBON, PIERRE, GB
[72] GIARDIELLO, MARCO, GB
[72] OWEN, ANDREW, GB
[72] KITTERINGHAM, NEIL, GB
[71] THE UNIVERSITY OF LIVERPOOL, GB
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[25] EN
[54] **QUINOLIZINONE DERIVATIVES AS PI3K INHIBITORS**
[54] **DERIVES DE QUINOLIZINONE UTILISES COMME INHIBITEURS DE PI3K**
[72] SHUKLA, MANOJKUMAR RAMPRASAD, IN
[72] JANA, NIRMAL KUMAR, IN
[72] MAHANGARE, SACHIN JAYSING, IN
[72] VIDHATE, PRASHANT POPATRAO, IN
[72] LAGAD, DIPAK RAYCHAND, IN
[72] TARAGE, ANAND JAGANNATH, IN
[72] KULKARNI, SANJEEV ANANT, IN
[72] PALLE, VENKATA P., IN
[72] KAMBOJ, RAJENDER KUMAR, IN
[71] LUPIN LIMITED, IN
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[25] EN
[54] **CONVERSION OF CARBON MONOXIDE, CARBON DIOXIDE, OR A COMBINATION THEREOF OVER HYBRID CATALYST**
[54] **CONVERSION DE MONOXYDE DE CARBONE, DE DIOXYDE DE CARBONE OU D'UNE COMBINAISON DE CES DERNIERS SUR CATALYSEUR HYBRIDE**
[72] CHOJECKI, ADAM, NL
[72] NIESKENS, DAVY, NL
[72] DAVIDIAN, THOMAS, NL
[72] GROENENDIJK, PETER E., NL
[72] RUITENBEEK, MATTHIJS, NL
[72] FISH, BARRY B., US
[72] TIRTOWIDJOJO, MAX M., US
[72] MEIMA, GARMT R., NL
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2017-01-04
[86] 2015-07-08 (PCT/US2015/039522)
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[25] EN
[54] **4,5-DIHYDROISOXAZOLE DERIVATIVES AS NAMPT INHIBITORS**
[54] **DERIVES DE 4,5-DIHYDROISOXAZOLE COMME INHIBITEURS DE NAMPT**
[72] CHIKKANNA, DINESH, IN
[72] KHAIRNAR, VINAYAK, IN
[71] AURIGENE DISCOVERY TECHNOLOGIES LIMITED, IN
[85] 2017-01-05
[86] 2015-07-22 (PCT/IB2015/055546)
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[25] EN
[54] **PHARMACEUTICAL DOSAGE FORMS**
[54] **FORMES PHARMACEUTIQUES**
[72] BEATO, STEFANIA, CH
[72] QUINTON, PEGGY, CH
[71] NOVARTIS AG, CH
[85] 2017-01-05
[86] 2015-07-06 (PCT/IB2015/055098)
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[25] EN
[54] **PHOTO-CONTROLLED REMOVAL OF TARGETS IN VITRO AND IN VIVO**
[54] **ELIMINATION PHOTO-CONTROLEE DE CIBLES IN VITRO ET IN VIVO**
[72] KOBAYASHI, HISATAKA, US
[72] CHOYKE, PETER, US
[72] SCHNERMANN, MARTIN JOHN, US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
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[86] 2015-08-07 (PCT/US2015/044168)
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[25] EN
[54] **COMPOSITIONS FOR TREATING CANCER USING PD-1 AXIS BINDING ANTAGONISTS AND MEK INHIBITORS**
[54] **COMPOSITIONS DE TRAITEMENT DU CANCER A L'AIDE D'ANTAGONISTES DE LIAISON A L'AXE PD-1 ET D'INHIBITEURS DE MEK**
[72] JUNTTILA, MELISSA, US
[71] GENENTECH, INC., US
[85] 2017-01-06
[86] 2015-07-15 (PCT/US2015/040582)
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[25] EN
[54] **DETECTING GLUTEN PEPTIDES IN HUMAN FLUIDS**
[54] **DETECTION DE PEPTIDES DU GLUTEN DANS DES LIQUIDES CORPORELS HUMAINS**
[72] MORENO AMADOR, MARIA DE LOURDES, ES
[72] SOUSA MARTIN, CAROLINA, ES
[72] RODRIGUEZ HERRERA, ALFONSO, ES
[72] CEBOLLA RAMIREZ, ANGEL, ES
[71] UNIVERSIDAD DE SEVILLA, ES
[71] BIOMEDAL, S.L., ES
[85] 2017-01-06
[86] 2015-07-09 (PCT/ES2015/070536)
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[25] EN
[54] **A POLOXAMER COMPOSITION FREE OF LONG CIRCULATING MATERIAL AND METHODS FOR PRODUCTION AND USES THEREOF**
[54] **COMPOSITION DE POLOXAMERE EXEMPTE DE SUBSTANCE A LONGUE DUREE DE CIRCULATION, LEURS PROCEDES DE PRODUCTION ET LEURS UTILISATIONS**
[72] EMANUELE, R. MARTIN, US
[72] BALASUBRAMANIAN, MANNARSAMY, US
[72] SMITH, STEWART V., US
[71] MAST THERAPEUTICS, INC., US
[85] 2017-01-06
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[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/5513 (2006.01) A61P 1/00 (2006.01)**
[25] EN
[54] **BENZODIAZEPINE DERIVATIVES AS CCK2/GASTRIN RECEPTOR ANTAGONISTS**
[54] **DERIVES DE BENZODIAZEPINE A TITRE D'ANTAGONISTES DES RECEPTEURS DE CCK2/GASTRINE**
[72] BOYCE, MALCOLM JAMES, GB
[72] THOMSEN, LIV, GB
[72] GILBERT, DONALD ALAN, GB
[72] WOOD, DAVID, GB
[71] TRIO MEDICINES LIMITED, GB
[85] 2017-01-09
[86] 2015-08-07 (PCT/GB2015/052291)
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[25] EN
[54] **COMPOSITIONS COMPRISING MELATONIN AND FLAVONOIDS FOR USE IN THE TREATMENT OF TUMOURS RESISTANT TO CHEMOTHERAPY**
[54] **COMPOSITIONS COMPRENANT DE LA MELATONINE ET DES FLAVONOIDES DESTINEES A ETRE UTILISEES DANS LE TRAITEMENT DE TUMEURS RESISTANT A LA CHIMIOTHERAPIE**
[72] MOGNA, GIOVANNI, IT
[71] PROBIOTICAL S.P.A., IT
[85] 2017-01-09
[86] 2015-03-05 (PCT/IB2015/000284)
[87] (WO2016/009256)
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[51] **Int.Cl. C07D 405/04 (2006.01) A61K 31/4035 (2006.01) A61P 31/12 (2006.01) A61P 31/18 (2006.01)**
[25] EN
[54] **ISOINDOLINE DERIVATIVES FOR USE IN THE TREATMENT OF A VIRAL INFECTION**
[54] **DERIVES D'ISOINDOLINE A UTILISER DANS LE TRAITEMENT D'UNE INFECTION VIRALE**
[72] JOHNS, BRIAN ALVIN, US
[72] VELTHUISEN, EMILE JOHANN, US
[72] WEATHERHEAD, JASON GORDON, US
[72] SUWANDI, LITA, US
[72] TEMELKOFF, DAVID, US
[71] VIIV HEALTHCARE UK LIMITED, GB
[85] 2017-01-06
[86] 2015-07-06 (PCT/IB2015/055095)
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[30] US (62/021,844) 2014-07-08
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[25] EN
[54] **BIS(ARYL)CATECHOL DERIVATIVES AS HERBICIDES**
[54] **DERIVES DE BIS(ARYL)CATECHOL UTILISES COMME HERBICIDES**
[72] REDDY, RAVISEKHARA POCHIMIREDDY, IN
[72] BALAGOPAL, LAKSHMI, IN
[72] SHARPE, PAULA LOUISE, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2017-01-09
[86] 2015-07-01 (PCT/US2015/038778)
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[30] US (62/024,414) 2014-07-14
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[51] **Int.Cl. A61K 6/08 (2006.01) A61K 6/02 (2006.01)**
[25] EN
[54] **TWO-COMPONENT SELF-ADHESIVE DENTAL COMPOSITION, PROCESS OF PRODUCTION AND USE THEREOF**
[54] **COMPOSITION DENTAIRE AUTO-ADHESIVE BICOMPOSANT, SON PROCEDE DE PRODUCTION ET SON UTILISATION**
[72] HECHT, REINHOLD, DE
[72] LUDSTECK, MANFRED, DE
[72] STIPPSCHILD, ANDREA, DE
[72] RAIA, GIOACCHINO, DE
[72] GUGGENBERGER, RAINER, DE
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2017-01-09
[86] 2015-07-07 (PCT/US2015/039286)
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[25] EN
[54] **COMBINATION THERAPY FOR CANCER**
[54] **POLYTHERAPIE CONTRE LE CANCER**
[72] POURDEHNAD, MICHAEL, US
[72] GANDHI, ANITA, US
[72] TAKESHITA, KENICHI, US
[72] CHOPRA, RAJESH, US
[71] CELGENE CORPORAITON, US
[85] 2017-01-09
[86] 2015-07-10 (PCT/US2015/039939)
[87] (WO2016/007854)
[30] US (62/023,748) 2014-07-11
[30] US (62/033,062) 2014-08-04
[30] US (62/033,566) 2014-08-05
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[25] EN
[54] **PHENYL AND TERTBUTYLACETIC ACID SUBSTITUTED PYRIDINONES HAVING ANTI-HIV EFFECTS**
[54] **PYRIDINONES SUBSTITUES PAR PHENYLE ET ACIDE TERTBUTYLACETIQUE A EFFET ANTI-VIH**
[72] JOHNS, BRIAN ALVIN, US
[72] VELTHUISEN, EMILE JOHANN, US
[71] VIIV HEALTHCARE UK LIMITED, GB
[85] 2017-01-10
[86] 2015-07-16 (PCT/IB2015/055385)
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[30] US (62/026,782) 2014-07-21

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[13] A1
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[25] EN
[54] **ISOINDOLINONE DERIVATIVES USEFUL AS ANTIVIRAL AGENTS**
[54] **DERIVES D'ISOINDOLINONE UTILES A TITRE D'AGENTS ANTIVIRAUX**
[72] JOHNS, BRIAN ALVIN, US
[72] VELTHUISEN, EMILE JOHANN, US
[72] WEATHERHEAD, JASON GORDON, US
[71] VIIV HEALTHCARE UK LIMITED, GB
[85] 2017-01-10
[86] 2015-07-20 (PCT/IB2015/055489)
[87] (WO2016/012930)
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[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/395 (2006.01) A61K 31/454 (2006.01) A61K 31/4545 (2006.01) A61K 31/501 (2006.01) A61K 31/506 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) C07D 401/14 (2006.01)**
[25] EN
[54] **ANTIPROLIFERATIVE COMPOUNDS AND METHODS OF USE THEREOF**
[54] **COMPOSES ANTIPROLIFERATIFS ET METHODES D'UTILISATION DESDITS COMPOSES**
[72] HANSEN, JOSHUA, US
[72] CORREA, MATTHEW DANIEL, US
[72] RAHEJA, RAJ, US
[72] LOPEZ-GIRONA, ANTONIA, US
[72] MAN, HON-WAH, US
[72] MULLER, GEORGE W., US
[72] KHALIL, EHAB M., US
[72] MACBETH, KYLE, US
[72] CATHERS, BRIAN E., US
[72] POURDEHNAD, MICHAEL, US
[71] CELGENE CORPORATION, US
[85] 2017-01-10
[86] 2015-07-10 (PCT/US2015/039926)
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[30] US (62/023,775) 2014-07-11

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[51] **Int.Cl. A61K 31/53 (2006.01) A61J 3/10 (2006.01) A61K 9/20 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **TABLET FORMULATION OF 2-FLUORO-N-METHYL-4-[7-(QUINOLIN-6-YLMETHYL)IMIDAZO[1,2-B][1,2,4]TRIAZIN-2-YL]BENZAMIDE**
[54] **FORMULATION DE COMPRIME DE 2-FLUORO-N-METHYL-4-[7-(QUINOLINE -6-YLMETHYL) IMIDAZO[1,2-B] [1,2,4]TRIAZINE -2-YL]BENZAMIDE**
[72] GONCALVES, ELISABETE, CH
[72] TAUCHMANN, CHRISTIN, CH
[72] YEN, SHAU-FONG, CH
[72] VIPPAGUNTA, SUDHA, US
[72] ZONG, ZHIXIN, US
[71] NOVARTIS AG, CH
[85] 2017-01-11
[86] 2015-07-22 (PCT/IB2015/055561)
[87] (WO2016/012963)
[30] US (62/028,865) 2014-07-25

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[51] **Int.Cl. A61K 36/88 (2006.01) A61K 31/7028 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **COMPOSITIONS BASED ON SAFFRON FOR THE PREVENTION AND/OR TREATMENT OF CORNEAL DYSTROPHIES.**
[54] **COMPOSITIONS A BASE DE SAFRAN PERMETTANT LA PREVENTION ET/OU LE TRAITEMENT DE DYSTROPHIES CORNEENNES**
[72] BISTI, SILVIA, IT
[72] SERNAGOR, EVELYNE, GB
[71] HORTUS NOVUS SRL, IT
[85] 2017-01-11
[86] 2015-09-18 (PCT/IB2015/057203)
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[30] IT (MI2014A001621) 2014-09-19

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[13] A1
[51] **Int.Cl. A61K 31/55 (2006.01) A61K 31/53 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMBINATION THERAPY**
[54] **POLYTHERAPIE**
[72] HAO, HUAIXIANG, US
[72] HUANG, XIZHONG, US
[72] TAM, ANGELA, US
[72] KASIBHATLA, SHAILAJA, US
[71] NOVARTIS AG, CH
[85] 2017-01-11
[86] 2015-07-29 (PCT/IB2015/055737)
[87] (WO2016/016822)
[30] US (62/031,583) 2014-07-31

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[51] **Int.Cl. A61K 39/00 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01)**
[25] EN
[54] **PRIME-BOOST REGIMENS WITH A TLR4 AGONIST ADJUVANT AND A LENTIVIRAL VECTOR**
[54] **REGIMES DE PRIMO-VACCINATION/RAPPEL AVEC UN ADJUVANT D'AGONISTE TLR4 ET UN VECTEUR LENTIVIRAL**
[72] KENNEY, RICHARD, US
[72] HSU, FRANK, US
[72] TER MEULEN, JAN HENRIK, US
[72] BERGLUND, PETER LARS AKSEL, US
[71] IMMUNE DESIGN CORP., US
[85] 2017-01-12
[86] 2015-07-14 (PCT/US2015/040453)
[87] (WO2016/011083)
[30] US (62/024,797) 2014-07-15
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[51] **Int.Cl. G01N 3/08 (2006.01)**
[25] FR
[54] **METHOD FOR THE QUALITY CONTROL OF A COMPONENT AT LEAST PARTIALLY MADE OF FILLED ELASTOMER**
[54] **PROCEDE DE CONTROLE QUALITE D'UNE PIECE AU MOINS PARTIELLEMENT EN ELASTOMERE CHARGE**
[72] VERGER, SERGE, FR
[72] LABAUNE, PHILIPPE, FR
[72] PANNIER, STEPHANE, FR
[72] CHARNOTET, THIERRY, FR
[71] ANVIS SD FRANCE SAS, FR
[85] 2017-03-01
[86] 2015-09-04 (PCT/FR2015/052355)
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[30] FR (1458411) 2014-09-08

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[51] **Int.Cl. B65D 81/24 (2006.01) B65D 85/00 (2006.01) C09K 15/04 (2006.01)**
[25] EN
[54] **METHOD FOR CONDITIONING A DIANHYDROHEXITOL, AQUEOUS SOLUTION OF CONDITIONED DIANHYDROHEXITOL, AND USES THEREOF**
[54] **PROCEDE DE CONDITIONNEMENT D'UN DIANYDROHEXITOL, SOLUTION AQUEUSE DE DIANHYDROHEXITOL CONDITIONNEE ET SES UTILISATIONS**
[72] IBERT, MATHIAS, FR
[72] WYART, HERVE, FR
[72] PARENT, GWENAELLE, FR
[71] ROQUETTE FRERES, FR
[85] 2017-03-17
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[30] FR (1458868) 2014-09-19

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[54] **FLIP TOP PLASTIC LID**
[54] **COUVERCLE EN PLASTIQUE RABATTABLE**
[72] WIGGINS, ROBIN P., US
[72] KAHN, JOHANNA, US
[71] MJN U.S. HOLDINGS LLC, US
[85] 2017-03-20
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[51] **Int.Cl. B29B 11/08 (2006.01) B29B 11/14 (2006.01) B29C 49/06 (2006.01) B29C 59/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR THE PRODUCTION OF AN OPTIMIZED NECK CONTOUR ON PREFORMS**
[54] **METHODE ET APPAREIL DE PRODUCTION D'UN CONTOUR DE COU OPTIMISE SUR DES PREFORMES**
[72] AKTAS, MAHIR, TR
[71] AKTAS, MAHIR, TR
[71] KLICKOW, HANS-HENNING, DE
[85] 2017-03-21
[86] 2015-09-21 (PCT/DE2015/000472)
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[30] DE (10 2014 014 144.6) 2014-09-22

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[51] **Int.Cl. D21H 19/16 (2006.01) D21H 19/10 (2006.01) D21H 19/24 (2006.01)**
[25] EN
[54] **PAPER COATINGS**
[54] **REVETEMENTS DE PAPIER**
[72] CLIFFORD, NEIL, GB
[72] WHITMAN, DAVID W., US
[72] WIEGERS, RONALD, NL
[71] AVERY DENNISON CORPORATION, US
[85] 2017-03-21
[86] 2015-09-22 (PCT/US2015/051397)
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[30] US (62/053,325) 2014-09-22

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[54] **SYSTEMES DE FABRICATION TERRESTRE ET DANS L'ESPACE**
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[72] DUNN, JASON, US
[72] KEMMER, AARON, US
[72] CHEN, MICHAEL, US
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[54] **MULTILAYER BELT FOR CREPING AND STRUCTURING IN A TISSUE MAKING PROCESS**
[54] **BANDE MULTICOUCHE POUR CREPAGE ET STRUCTURATION DANS UN PROCEDE DE FABRICATION DE PAPIER OUATE**
[72] EAGLES, DANA, US
[72] HANSEN, ROBERT, US
[72] KARLSSON, JONAS, SE
[72] JAIN, MANISH, US
[72] AGARWAL, DHRUV, US
[71] ALBANY INTERNATIONAL CORP., US
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[54] **COURROIE MULTICOUCHE DE CREPAGE ET DE STRUCTURATION DANS UN PROCEDE DE FABRICATION DE PAPIER OUATE**
[72] EAGLES, DANA, US
[72] HANSEN, ROBERT, US
[72] KARLSSON, JONAS, SE
[72] JAIN, MANISH, US
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[54] **ELEMENTS DE DISPOSITIF MEDICAL LUBRIFIANTS**
[72] CHAPPA, RALPH A., US
[72] LOCKWOOD, NATHAN A., US
[72] MCGONIGLE, JOSEPH SCHMIDT, US
[71] SURMODICS, INC., US
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[54] **DOSETTE DE CAFE**
[72] NORTON, MARK RICHARD THOMAS, US
[72] DE CLEIR, PIARAS VALDIS, US
[71] KRAFT FOODS GROUP BRANDS LLC, US
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[54] **METHOD AND SYSTEM FOR NEUTRALIZING ASBESTOS**
[54] **PROCEDE ET SYSTEME DE NEUTRALISATION D'AMIANTE**
[72] POGGI, PAUL, FR
[71] POGGI, PAUL, FR
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[54] **METHOD FOR DRYING A MEDICAL DEVICE**
[54] **PROCEDE DE SECHAGE DE DISPOSITIF MEDICAL**
[72] VINTELER, DANIEL, FR
[71] PLASMABIOTICS, FR
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[54] **POROUS FOAMS DERIVED FROM EXTRACELLULAR MATRIX, POROUS FOAM ECM MEDICAL DEVICES, AND METHODS OF USE AND MAKING THEREOF**
[54] **MOUSSES POREUSES DERIVEES DE MATRICE EXTRACELLULAIRE, DISPOSITIFS MEDICAUX DE MEC EN MOUSSE POREUSE ET PROCEDES POUR LES UTILISER ET LES FABRIQUER**
[72] VALMIKINATHAN, CHANDRA M., US
[72] GHEEWALA, NIKHIL N., US
[72] YOUNG, BRENT D., US
[72] GILBERT, THOMAS W., US
[71] ACELL, INC., US
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[54] **PROCESS FOR MOULDING A THERMOSETTING RESIN.**
[54] **PROCEDE DE MOULAGE D'UNE RESINE THERMODURCISSABLE**
[72] TECHER, MARC-EMMANUEL, FR
[72] JAUSSAUD, RAOUL, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
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[25] EN
[54] **SYSTEMS AND PROCESSES FOR SEPARATING EMULSIFIED WATER FROM A FLUID STREAM**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE SEPARER DE L'EAU EMULSIFIEE D'UN COURANT DE FLUIDE**
[72] ADAMSKI, ROBERT PAUL, US
[72] KINI, GAUTAM CHANDRAKANTH, US
[72] SHANKAR, SANTHOSH KUMAR, US
[72] BETHKE, GREGORY KENT, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[54] **SYSTEMS AND PROCESSES FOR SEPARATING EMULSIFIED WATER FROM A FLUID STREAM**
[54] **SYSTEMES ET PROCEDES POUR LA SEPARATION D'EAU EMULSIONNEE A PARTIR D'UN FLUX DE FLUIDE**
[72] ADAMSKI, ROBERT PAUL, US
[72] BETHKE, GREGORY KENT, US
[72] KINI, GAUTAM CHANDRAKANTH, US
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[54] **ENSEMBLE ARTICULATION DE DISQUE INTERVERTEBRAL PROTHETIQUE**
[72] FITZPATRICK, NOEL, GB
[71] FITZBIONICS LIMITED, GB
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[71] D B INDUSTRIES, LLC, US
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[54] **SYSTEMES POUR INCISION LENTICULAIRE AU LASER**
[72] FU, HONG, US
[71] AMO DEVELOPMENT, LLC, US
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[72] GAIDAEVA, EKATERINA V., US
[72] LOFTIN, CALEB S., US
[72] ZACHERLE, MATTHEW E., US
[71] WESTROCK PACKAGING SYSTEMS, LLC, US
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[54] **FRACTIONNEMENT DE MATERIAU SEC AU MOYEN D'ACCELERATEURS**
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[54] **WATER-REPELLANT FIBROUS ARTICLE**
[54] **ARTICLE FIBREUX HYDROFUGE**
[72] LI, FAN, US
[72] OUSMAN, ERENA FARAH, US
[72] SWOREN, JOHN CHRISTOPHER, US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
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[54] **ENSEMBLE DE FILTRATION ENROULE EN SPIRALE COMPRENANT UN BIOFILTRE INTEGRE**
[72] JONS, STEVEN D., US
[72] JOHNSON, JON E., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **FOAM TO DELIVER TEXTILE EFFECT ADDITIVES ON FIBROUS ARTICLES**
[54] **MOUSSE PERMETTANT DE DISTRIBUER DES ADDITIFS A EFFET TEXTILE SUR DES ARTICLES FIBREUX**
[72] LI, FAN, US
[72] SWOREN, JOHN CHRISTOPHER, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
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[54] **BUSE AUTOMATIQUE POUR SYSTEMES DE LUTTE CONTRE L'INCENDIE**
[72] CERRUTI, FERRUCCIO, IT
[71] ETEA SICUREZZA GROUP LTD, GB
[85] 2017-03-27
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[54] **SYNTHESE A L'ETAT SOLIDE DE CATALYSEURS DE DESHYDROGENATION OXYDATIVE**
[72] BASSET, JEAN-MARIE, SA
[72] ZHU, HAIBO, SA
[72] ROSENFELD, DEVON C., US
[72] LAVEILLE, PACO, SA
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **CARTON WITH HANDLE**
[54] **CARTON A POIGNEE**
[72] SPIVEY, RAYMOND R., SR., US
[72] COXE, CHARLES FRANCES, JR., US
[72] BATES, AARON LEE, US
[72] BALDINO, MARK, US
[71] GRAPHIC PACKAGING INTERNATIONAL, INC., US
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[54] **A METHOD FOR PROCESSING STRAW**
[54] **PROCEDE DE TRAITEMENT DE PAILLE**
[72] NAFICI, SHAHRIAR, GB
[71] NAFICI ENVIRONMENTAL RESEARCH (NER) LTD, GB
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[25] EN
[54] **SYSTEMS AND METHODS FOR FORMING CELLULOSIC BIOWASTE FROM MIXED SOLID WASTE**
[54] **SYSTEMES ET PROCEDES PERMETTANT LA FORMATION DE DECHETS BIOLOGIQUES CELLULOSIQUES A PARTIR DE DECHETS SOLIDES MELANGES**
[72] NGUYEN, QUANG A., US
[72] LUCENA, IGNACIO CARVAJO, ES
[72] GARCES, VANESA RAMOS, ES
[72] PEREZ, PABLO CABEZA, ES
[72] GARCIA, ANA ISABEL VICENTE, ES
[72] MENDEZ, CRISTINA MONTEJO, ES
[71] ABENGOA BIOENERGIA NUEVAS TECNOLOGIAS, S.A., ES
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[54] **ION EXCHANGE ABSORBENT SYSTEMS, APPARATUSES, AND METHODS**
[54] **SYSTEMES ABSORBANTS D'ECHANGE D'IONS, APPAREILS**
[72] LOCKE, CHRISTOPHER BRIAN, GB
[72] ANDREWS, BRIAN, GB
[72] ROBINSON, TIMOTHY MARK, GB
[71] KCI LICENSING, INC., US
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[54] **MULTI-FUNCTION DRESSING STRUCTURE FOR NEGATIVE-PRESSURE THERAPY**
[54] **STRUCTURE DE PANSEMENT MULTIFONCTION POUR THERAPIE PAR PRESSION NEGATIVE**
[72] ANDREWS, BRIAN, GB
[72] ROBINSON, TIMOTHY MARK, GB
[72] LOCKE, CHRISTOPHER BRIAN, GB
[72] WHYTE, DAVID GEORGE, GB
[71] KCI LICENSING, INC., US
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[25] EN
[54] **WASTEWATER PROCESSING SYSTEMS FOR EVAPORATING WATER WITH IMMERGED FLUE GAS INLET**
[54] **SYSTEMES DE TRAITEMENT DES EAUX USEES POUR FAIRE S'EVAPORER DE L'EAU PRESENTANT UNE ENTREE DE GAZ DE FUMEE IMMERGEE**
[72] RUTSCH, MICHAEL J., US
[72] DUESEL, BERNARD F., US
[72] CLERKIN, CRAIG, US
[71] HEARTLAND TECHNOLOGY PARTNERS LLC, US
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[54] **SIMULTANEOUS GENERATION OF ELECTRICITY AND CHEMICALS USING A RENEWABLE PRIMARY ENERGY SOURCE**
[54] **PRODUCTION SIMULTANEE D'ELECTRICITE ET DE PRODUITS CHIMIQUES A L'AIDE D'UNE SOURCE D'ENERGIE PRIMAIRE RENOUVELABLE**
[72] BAR-GADDA, RONNY, US
[71] BAR-GADDA, RONNY, US
[85] 2017-03-30
[86] 2015-10-02 (PCT/US2015/053819)
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[54] **DISPOSITIF ABSORBABLE POUR LA REGENERATION OSSEUSE**
[72] SAMBUSSETI, ANTONIO, IT
[71] SAMBUSSETI, ANTONIO, IT
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[25] FR
[54] **METHOD FOR DEMOULDING A COMPOSITE MATERIAL WITH AN ORGANIC MATRIX**
[54] **PROCEDE DE DEMOULAGE D'UN MATERIAU COMPOSITE A MATRICE ORGANIQUE**
[72] MAGNAUDEIX, DOMINIQUE MICHEL SERGE, FR
[72] JAUSSAUD, RAOUL, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
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[25] EN
[54] **CARTON AND CARTON BLANK AND A HANDLE STRUCTURE THEREFOR**
[54] **CARTON ET DECOUPE DE CARTON ET STRUCTURE DE POIGNEE A CET EFFET**
[72] BALL, NATHANIEL B., US
[72] CASH, JOHN W. III, US
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[54] **PROCEDE DE DETISSAGE ET DE REALIGNEMENT DE FIBRES DE CARBONE**
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[72] GILLET, ARNAUD, FR
[72] PEDROS, MATTHIEU, FR
[71] UNIVERSITE DE BORDEAUX, FR
[71] INSTITUT POLYTECHNIQUE DE BORDEAUX, FR
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[72] MAPSTONE, MARK E., US
[72] CHEEMA, AMRITA K., US
[72] FIANDACA, MASSIMO S., US
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[54] **SILENCAGE GENIQUE EPIGENETIQUE PERMANENT**
[72] NALDINI, LUIGI, IT
[72] LOMBARDO, ANGELO LEONE, IT
[72] AMABILE, ANGELO, IT
[72] MIGLIARA, ALESSANDRO, IT
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[54] **UTILISATION DE PROTEINES VEGETALES HYDROLYSEES PAR VOIE ENZYMATIQUE DANS LE BRASSAGE DE BOISSONS FERMENTEES**
[72] BERTOLI, JOSE, BR
[72] BAX, FABIO, BR
[72] YAMAMOTO, WALTER T., BR
[71] CORN PRODUCTS DEVELOPMENT, INC., BR
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[54] **BOUCHON DE BOUTEILLE AVEC KIT COSMETIQUE**
[72] WINTER, TAL, US
[72] AZIZ, IMRAAN, US
[72] KING, THOMAS E., US
[72] STRASSER, MICHAEL J., US
[72] TAMMEN, WILLIAM G., US
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[54] **POLYNUCLEOTIDES AND KITS ASSOCIATED WITH SOYBEAN IRON DEFICIENCY TOLERANCE AND METHODS OF DETECTION AND BREEDING**
[54] **POLYNUCLEOTIDES ET KITS ASSOCIES A LA TOLERANCE A UNE CARENCE EN FER DU SOJA ET PROCEDES DE DETECTION ET DE SELECTION**
[72] KRASHENINNIK, NADIA, US
[72] RIES, LANDON, US
[72] SHENDELMAN, JOSHUA, US
[72] SPEAR, JORDAN, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
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[54] **PROCEDURE FOR THE RAPID DETERMINATION OF BACTERIAL SUSCEPTIBILITY TO ANTIBIOTICS THAT INHIBIT PROTEIN SYNTHESIS**
[54] **PROCEDE POUR LA DETERMINATION RAPIDE DE LA SENSIBILITE BACTERIENNE A DES ANTIBIOTIQUES QUI INHIBENT LA SYNTHESE PROTEIQUE**
[72] FERNANDEZ GARCIA, JOSE LUIS, ES
[72] GOSALVEZ BERENGUER, JAIME, ES
[72] BOU AREVALO, GERMAN, ES
[72] TAMAYO NOVAS, MARIA, ES
[72] SANTISO BRANDARIZ, REBECA, ES
[72] OTERO FARINA, FATIMA MARIA, ES
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[54] **WATER TREATMENT USING A CRYPTOCRYSTALLINE MAGNESITE - BENTONITE CLAY COMPOSITE**
[54] **TRAITEMENT DE L'EAU UTILISANT UN COMPOSITE DE MAGNESITE CRYPTOCRISTALLINE-ARGILE DE BENTONITE**
[72] VHAHANGWELE, MASINDI, ZA
[72] GITARI, WILSON MUGERA, ZA
[71] CSIR, ZA
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[54] **COMPOSITIONS, DISPOSITIFS ET PROCEDES DE TEST DE SENSIBILITE DU SII**
[72] LADERMAN, ELISABETH, US
[72] IRANI-COHEN, ZACKARY, US
[71] BIOMERICA, INC., US
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[54] **EMOTION TYPE CLASSIFICATION FOR INTERACTIVE DIALOG SYSTEM**
[54] **CLASSIFICATION DE TYPE D'EMOTION POUR SYSTEME DE DIALOGUE INTERACTIF**
[72] UN, EDWARD, US
[72] LEUNG, MAX, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **THIN COMPOSITE EXPLOSIVE PRODUCTS AND PREPARATION THEREOF**
[54] **PRODUITS EXPLOSIFS COMPOSITES DE FAIBLE EPAISSEUR ET LEUR PREPARATION**
[72] RAGON, PHILIPPE, FR
[72] WOIRIN, KAROL, FR
[71] AIRBUS SAFRAN LAUNCHERS SAS, FR
[71] EURENCO, FR
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[54] **METHOD FOR DETECTING AND CHARACTERIZING DEFECTS IN A HETEROGENEOUS MATERIAL VIA ULTRASOUND**
[54] **PROCEDE DE DETECTION ET DE CARACTERISATION PAR ULTRASONS DE DEFAUTS DANS UN MATERIAU HETEROGENE**
[72] PAUL, NICOLAS, FR
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[72] OLIJVE, JOSEPH HUBERTUS, NL
[72] VERGAUWEN, BJORN, BE
[72] STEVENS, PAUL, BE
[71] ROUSSELOT B.V., NL
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[54] **AMELIORATION DU RENDEMENT DE PRODUCTION DE LAIT CHEZ LES VACHES LAITIERES**
[72] WEISS, WILLIAM P., US
[72] NESTOR, KARL, US
[71] DOW AGROSCIENCES LLC, US
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[54] **LUTTE BIOLOGIQUE CONTRE DES COLEOPTERES NUISIBLES**
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[72] CHEN, JENG SHONG, US
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[54] **CELLULOSE PRODUITE PAR VOIE ENZYMATIQUE**
[72] BEHABTU, NATNAEL, US
[72] POULOSE, AYROOKARAN J., US
[72] YU, ZHEYONG, CN
[72] ZHANG, ZHENGHONG, CN
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
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[54] **PROCEDE DE SEPARATION D'HUILE**
[72] WANG, MIN MA, US
[72] SUNGAIL, CRAIG MICHAEL, US
[72] CHEN, XIN, US
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[54] **PROCEDE DE FABRICATION D'UNE FEUILLE POUR PRODUIRE UN FANTOME DE PEPPER**
[72] IAN, O'CONNELL, GB
[71] MUSION IP LIMITED, GB
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[54] **CORELESS WOUND COIL DISPENSER WITH OPTIONAL CABLE STORAGE FOR AN OPTICAL TERMINAL NETWORK**
[54] **DISTRIBUTEUR DE BOBINE ENROULEE SANS NOYAU AVEC STOCKAGE DE CABLE FACULTATIF POUR UN RESEAU OPTIQUE DE TERMINAUX**
[72] MULLANEY, JULIAN S., US
[72] ALSTON, ERIC EMMANUEL, US
[72] CARRICO, WILLIAM ALAN, US
[72] GRONVALL, ERIK J., US
[72] TERRYLL, KATHLEEN, US
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[54] **CONVERTISSEUR COMPORTANT UN OSCILLATEUR ET SYSTEME DE CONVERTISSEUR COMPORTANT UN OSCILLATEUR COUPLE A UNE CHARGE**
[72] ODLOZILIK, MIROSLAV, CZ
[72] ZRUNA, DALIMIL, CZ
[72] ZRUNA, MARTIN, CZ
[71] NAMI-TECH S.R.O., CZ
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[54] **SYSTEM AND METHOD FOR MAGNETIZING A TRANSFORMER IN AN ELECTRICAL SYSTEM PRIOR TO ENERGIZING THE ELECTRICAL SYSTEM**
[54] **SYSTEME ET PROCEDE DE MAGNETISATION D'UN TRANSFORMATEUR DANS UN SYSTEME ELECTRIQUE AVANT L'EXCITATION DU SYSTEME ELECTRIQUE**
[72] GIBBS, IRVING A., US
[72] FARR, THOMAS A., US
[72] SCHUENEMAN, RON C., US
[71] EATON CORPORATION, US
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[54] **MACHINE A AIMANT PERMANENT**
[72] KURRONEN, PANU, FI
[72] SILVENTOINEN, MARKUS, FI
[72] PURANEN, JUSSI, FI
[71] THE SWITCH DRIVE SYSTEMS OY, FI
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[54] **METHOD AND APPARATUS FOR PERFORMING CABLE LAY AND CONNECTION OPERATIONS**
[54] **PROCEDE ET APPAREIL POUR EFFECTUER DES OPERATIONS DE POSE ET DE CONNEXION DE CABLES**
[72] WILSON, MICHAEL, GB
[71] ECOSSE SUBSEA SYSTEMS LIMITED, GB
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[54] **SYSTEME MODULAIRE DE LENTILLES POUR DES APPLICATIONS DE CAMERA CINEMATOGRAPHIQUE**
[72] MACINTOSH, DAVID WILLIAM, US
[72] SASAKI, DANIEL KEITH, US
[71] PANAVISION INTERNATIONAL, L.P., US
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[54] **PROCEDE ET DISPOSITIF D'ENLEVEMENT D'ORGANE DE TRANSPORT**
[72] FITZGERALD, JOHN, GB
[71] JSM CONSTRUCTION LIMITED, GB
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[25] EN
[54] **DEVICE AND METHOD FOR CHECKING AND CORRECTING THE POSITION OF AN OPERATING DEVICE WITH RESPECT TO A PIECE**
[54] **DISPOSITIF ET METHODE DE VERIFICATION ET CORRECTION DE LA POSITION D'UN DISPOSITIF FONCTIONNEL PAR RAPPORT A UNE PIECE**
[72] DI STEFANO, GIOVANNI, IT
[72] NAVARRIA, FILIPPO, IT
[71] COMAU S.P.A., IT
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[25] EN
[54] **A METHOD OF EPITAXIAL GROWTH OF A MATERIAL INTERFACE BETWEEN GROUP III-V MATERIALS AND SILICON WAFERS PROVIDING COUNTERBALANCING OF RESIDUAL STRAINS**
[54] **PROCEDE DE CROISSANCE EPITAXIALE D'UNE INTERFACE DE MATERIAUX ENTRE DES MATERIAUX DES GROUPES III A V ET DES TRANCHES DE SILICIUM ASSURANT LE CONTREBALANCEMENT DES CONTRAINTES RESIDUELLES**
[72] BUGGE, RENATO, NO
[72] MYRVAGNES, GEIR, NO
[71] INTEGRATED SOLAR, NO
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[54] **DISPOSITIF DE MODULATION COMPORTANT UNE NANO-DIODE**
[72] GAQUIERE, CHRISTOPHE PIERRE PAUL, FR
[72] DUCOURNAU, GUILLAUME, FR
[72] FAUCHER, MARC, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] UNIVERSITE LILLE 1- SCIENCES ET TECHNOLOGIES, FR
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[25] EN
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[54] **MOTEUR ELECTRIQUE A ENROULEMENTS DE FEUILLES STRATIFIEES**
[72] JONES, DAN, US
[72] GERY, JEAN-MARC, US
[71] GREENTECH MOTORS CORPORATION, US
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[51] **Int.Cl. G02B 6/38 (2006.01) G02B 6/44 (2006.01)**
[25] EN
[54] **RUGGEDIZED OPTICAL FIBER CONNECTION STRUCTURES AND ASSEMBLIES**
[54] **STRUCTURES ET ENSEMBLES DE CONNEXIONS A FIBRE OPTIQUE RENFORCEE**
[72] THOMPSON, ZACHARY M., US
[72] LARSON, DONALD K., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[72] GOUHL, ERIK J., US
[72] KUMAR, PRAMOD, US
[71] COOPER TECHNOLOGIES COMPANY, US
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[54] **PROCEDE DE FABRICATION D'UN DISPOSITIF OPTIQUE GUIDE PAR UN SUBSTRAT**
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[72] FRIEDMANN, EDGAR, IL
[72] AMITAI, YAAKOV, IL
[71] LUMUS LTD., IL
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[54] **SYSTEME DE DECHATOIEMENT POUR LUMIERE PROJETEE**
[72] BIETRY, JOSEPH R., US
[72] KURTZ, ANDREW F., US
[71] IMAX THEATRES INTERNATIONAL LIMITED, IE
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[25] EN
[54] **WINDOW COVER AND DISPLAY APPARATUS HAVING THE SAME AND METHOD OF MANUFACTURING DISPLAY APPARATUS**
[54] **COUVERTURE DE FENETRE ET APPAREIL D'AFFICHAGE AYANT CELLE-CI ET PROCEDE DE FABRICATION D'UN APPAREIL D'AFFICHAGE**
[72] PARK, BYUNG HA, KR
[72] KIM, NAK HYUN, KR
[72] CHO, YONG SUK, KR
[72] HAM, CHEOL, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **FUNCTIONAL, SOCIALLY-ENABLED JEWELRY AND SYSTEMS FOR MULTI-DEVICE INTERACTION**
[54] **BIJOUX PRESENTANT UNE FONCTION SOCIALE ET SYSTEMES PERMETTANT L'INTERACTION ENTRE DES DISPOSITIFS MULTIPLES**
[72] CHINOWSKY, TIM, US
[72] UNGER, MARTIN, US
[72] BORWICK, CHARLES, US
[72] BETTUA, MICHAEL, US
[72] BRICKEN, COLIN, US
[72] LION, DAV, US
[72] JOHNSTON, KYLE, US
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[54] **CABLES OPTIQUES ACOUSTIQUEMENT AMELIORES**
[72] VINCELETTE, ANDRE R., CA
[72] BALDWIN, CHRISTOPHER S., US
[72] LEFEBVRE, PAUL, CA
[72] LI, HONGBO, US
[72] TAVERNER, DOMINO, US
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[71] WEATHERFORD TEHCNOLOGY HOLDINGS, LLC, US
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[54] **SYSTEMES ET PROCEDES DE PRODUCTION DE CRISTAUX**
[72] DASSEL, MARK W., US
[72] KERAT, UWE, DE
[71] SITEC GMBH, DE
[71] DASSEL, MARK W., US
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[54] **RETICLE RETENTION FOR OPTICAL APPARATUS**
[54] **DISPOSITIF PORTE-RETICULE POUR APPAREIL OPTIQUE**
[72] HAMILTON, DAVID M., US
[72] HAMILTON, SAMUEL J., US
[72] PALKOWITSH, GREGORY LEE, US
[72] HAVENS, CALEN SHANE, US
[71] SHELTERED WINGS, INC. D/B/A VORTEX OPTICS, US
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[54] **SYSTEMS AND METHODS TO RESPOND TO GRID OVERFREQUENCY EVENTS FOR A STOICHIOMETRIC EXHAUST RECIRCULATION GAS TURBINE**
[54] **SYSTEMES ET PROCEDES DE REPONSE A DES EVENEMENTS DE SURFREQUENCE DE RESEAU ELECTRIQUE, POUR UNE TURBINE A GAZ A RECIRCULATION DES GAZ D'ECHAPPEMENT STOECHIOMETRIQUE**
[72] THATCHER, JONATHAN CARL, US
[72] SLOBODYANSKIY, ILYA ALEKSANDROVICH, US
[72] VOREL, AARON LAVENE, US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[54] **PROCEDE ET DISPOSITIF DE CONVERSION DE COURANT ET VEHICULE COMPORTANT UN TEL DISPOSITIF**
[72] EL KHAMLICHI DRISSI, KHALIL, FR
[72] DEHGHANIKIADEHI, ABBAS, FR
[72] PASQUIER, CHRISTOPHE, FR
[71] UNIVERSITE CLERMONT AUVERGNE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[54] **A PROCESS FOR MANUFACTURING A FIBER REINFORCED COMPOSITE ARTICLE, THE COMPOSITE ARTICLE OBTAINED AND THE USE THEREOF**
[54] **PROCEDE DE FABRICATION D'UN ARTICLE COMPOSITE RENFORCE DE FIBRES, ARTICLE COMPOSITE OBTENU ET SON UTILISATION**
[72] HOWLAND, DUNCAN, FR
[72] COSTANTINO, STEPHAN, FR
[72] RITTER, KLAUS, DE
[72] DIRRIG, GUILLAUME, FR
[71] HUNTSMAN ADVANCED MATERIALS LICENSING (SWITZERLAND) GMBH, CH
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[54] **COMMUTATEUR**
[72] BAIN, DUNCAN, GB
[72] TUCKER, ARTHUR, GB
[72] FENTON, JONATHAN, GB
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[72] GORDON, MARTIN, GB
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[54] **PROCEDE D'EXPOSITION A L'ACTION DE LA LUMIERE D'UNE ZONE TRIDIMENSIONNELLE**
[72] FITZINGER, ANDREAS, AT
[72] GRUBER, SIMON, AT
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[54] **PHASE FREQUENCY DETECTOR AND ACCURATE LOW JITTER HIGH FREQUENCY WIDE-BAND PHASE LOCK LOOP**
[54] **DETECTEUR DE FREQUENCE DE PHASE ET BOUCLE A VERROUILLAGE DE PHASE A LARGE BANDE HAUTE-FREQUENCE A FAIBLE SAUTILLEMENT PRECISE**
[72] SCHOBER, SUSAN MARYA, US
[72] SCHOBER, ROBERT C., US
[72] SHAPIRO, HERBERT N., US
[71] CIRCUIT SEED, LLC, US
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[54] **ALLIAGE A BASE DE NICKEL AVEC PLAGE DE FUSION ELEVEE APPROPRIE POUR LE BRASAGE D'ACIER SUPER AUSTENITIQUE**
[72] PERSSON, ULRIKA, SE
[72] MARS, OWE, SE
[71] HOGANAS AB (PUBL), SE
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[54] **SYSTEM AND METHOD FOR CONTROLLING AN HVAC UNIT BASED ON THERMOSTAT SIGNALS**
[54] **SYSTEME ET PROCEDE DE COMMANDE D'UNE UNITE CVC SUR LA BASE DE SIGNAUX DE THERMOSTAT**
[72] USHIROSAKO, HIROAKI, US
[72] SMITHSON, MATTHEW WESLEY, US
[72] TANIGAWA, MASATO, US
[71] MITSUBISHI ELECTRIC CORPORATION, JP
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[54] **VENTILATION SYSTEM AND ASSOCIATED OPERATING METHOD FOR USE DURING A SERIOUS ACCIDENT IN A NUCLEAR INSTALLATION**
[54] **SYSTEME DE VENTILATION ET PROCEDE DE FONCTIONNEMENT ASSOCIE POUR UNE UTILISATION PENDANT UN GRAVE INCIDENT DANS UNE INSTALLATION NUCLEAIRE**
[72] HILL, AXEL, DE
[71] AREVA GMBH, DE
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[54] **SYSTEMS AND METHODS FOR SELECTING GRID ACTIONS TO IMPROVE GRID OUTCOMES**
[54] **SYSTEMES ET PROCEDES POUR SELECTIONNER DES ACTIONS DE RESEAU POUR AMELIORER DES RESULTATS DE GRILLE**
[72] BROOKS, BRIAN E., US
[72] BENOIT, GILLES J., US
[72] LU, YANG, SG
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **DETECTION DE L'EROSION D'UN EQUIPEMENT ROTATIF A L'AIDE DE FREQUENCES HARMONIQUES**
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[72] LUHARUKA, RAJESH, US
[71] SCHLUMBERGER CANADA LIMITED, CA
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[54] **ORAL CARE COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS DE SOINS BUCCO-DENTAIRES ET LEURS PROCEDES D'UTILISATION**
[72] PRENCIPE, MICHAEL, US
[72] RUSSO, AMY, US
[72] STETTLER, HANS, US
[72] MORGAN, ANDRE MICHELLE, US
[71] COLGATE-PALMOLIVE COMPANY, US
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[54] **ORAL CARE COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS DE SOINS BUCCO-DENTAIRES ET LEURS METHODES D'UTILISATION**
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[72] DOGU, NIHAL, US
[72] PRENCIPE, MICHAEL, US
[72] RUSSO, AMY, US
[72] STETTLER, HANS, US
[72] MORGAN, ANDRE MICHELLE, US
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[54] **METHOD OF AND SYSTEM FOR RECORDING SEISMIC SIGNALS**
[54] **PROCEDE ET SYSTEME PERMETTANT D'ENREGISTRER DES SIGNAUX SISMIQUES**
[72] HORNMAN, JOHAN CORNELIS, NL
[72] MATEEVA, ALBENA ALEXANDROVA, US
[72] LOPEZ, JORGE LUIS, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[54] **CHAMBRE DE COMBUSTION POUR TURBINE A GAZ**
[72] PETTERSSON, JAN, SE
[72] RAADEKLINT, ULF, SE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **EOLIENNE**
[72] KLANT, KEESJAN, NL
[72] VLEUGEL, WOUD, NL
[71] MEGA WINDFORCE IP BV I/O, NL
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[54] **FERRURE PIVOTANTE**
[72] KAISER, ANDRE, DE
[72] MONTECCHIO, ANDREAS, DE
[71] HETTICH HOLDING GMBH & CO. OHG, DE
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[54] **PROTON CONDUCTING MEMBRANE AND FUEL CELL COMPRISING THE SAME**
[54] **MEMBRANE CONDUCTRICE DE PROTONS ET PILE A COMBUSTIBLE COMPRENANT CELLE-CI**
[72] MACPHEE, DONALD, GB
[71] ENOCELL LIMITED, GB
[85] 2017-07-21
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[54] **SYSTEME DE COMMANDE DE BROCHE TUBULAIRE**
[72] ARBELAEZ, JUAN, US
[72] MEUTH, JOSHUA BRANDON, US
[72] BRYANT, AARON, US
[71] FORUM US, INC., US
[85] 2017-07-20
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[25] EN
[54] **HYALURONAN CONJUGATES WITH PHARMACEUTICALLY ACTIVE SUBSTANCES, METHODS AND COMPOSITIONS**
[54] **CONJUGUES DE HYALURONANE AYANT DES SUBSTANCES PHARMACEUTIQUEMENT ACTIVES, PROCEDES ET COMPOSITIONS**
[72] LINDQVIST, BENGT, SE
[72] RINGOM, RUNE, SE
[71] PHARMALINK AB, SE
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[25] EN
[54] **PIPE COUPLING FOR CONNECTING TWO PIPE ENDS OR PIPE CLAMP FOR SEALING A DEFECTIVE PIPE**
[54] **ACCOUPLEMENT DE TUYAUX POUR RELIER DEUX EXTREMITES DE TUYAUX OU COLLIER DE TUYAU POUR RENDRE ETANCHE UN TUYAU DEFECTUEUX**
[72] MANNHART, HUBERT, CH
[72] SUDAR, DAMIR, CH
[71] STRAUB WERKE AG, CH
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[25] EN
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[54] **CLIMATISEUR COMPORTANT UN DISPOSITIF DE VARIATION DU VOLUME D'AIR**
[72] HWANG, YONG HEE, KR
[71] HWANG, YONG HEE, KR
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[25] EN
[54] **WELLBORE ISOLATION DEVICES AND METHODS OF USE**
[54] **DISPOSITIFS D'ISOLEMENT DE PUITS DE FORAGE ET PROCEDES D'UTILISATION**
[72] STAIR, TODD ANTHONY, US
[72] MAKOWIECKI, GARY JOE, US
[72] EZELL, MICHAEL DALE, US
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[54] **DISPOSITIF ABSORBANT LE SON DESTINE A UNE PINCE ASPIRANTE**
[72] HUKELMANN, BERNHARD, DE
[71] DEUTSCHES INSTITUT FUER LEBENSMITTELTECHNIK E.V., DE
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[54] **TERMINAL SYSTEM**
[54] **SYSTEME DE TERMINAL**
[72] GAWEL, MAREK, AT
[71] NOVOMATIC AG, AT
[85] 2017-07-21
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[51] **Int.Cl. F16G 15/04 (2006.01) F16G 11/12 (2006.01) F16G 13/14 (2006.01)**
[25] EN
[54] **RELEASE APPARATUS AND METHOD OF MANUFACTURING A RELEASE APPARATUS**
[54] **APPAREIL DE LIBERATION ET PROCEDE DE FABRICATION D'APPAREIL DE LIBERATION**
[72] PERLMAN, MICHAEL D., US
[71] INTEROCEAN SYSTEMS, INC., US
[85] 2017-07-21
[86] 2016-01-19 (PCT/US2016/013866)
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[51] **Int.Cl. G01J 3/02 (2006.01) G01J 3/44 (2006.01) G01J 3/443 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD TO MINIMIZE NONRANDOM FIXED PATTERN NOISE IN SPECTROMETERS**
[54] **SYSTEME ET PROCEDE POUR MINIMISER UN BRUIT CYCLIQUE FIXE NON ALEATOIRE DANS DES SPECTROMETRES**
[72] ROY, ERIC, US
[72] BOOTH, JASON, US
[72] ROBOTHAM, CLAUDE, US
[72] IZZIA, FEDERICO, US
[71] RIGAKU RAMAN TECHNOLOGIES, INC., US
[85] 2017-07-21
[86] 2016-01-22 (PCT/US2016/014426)
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[25] EN
[54] **PLATELET RICH PLASMA AND BONE MARROW ASPIRATE CELL SEPARATION AND REMOVAL METHODS AND DEVICES**
[54] **METHODES ET DISPOSITIFS DE SEPARATION ET D'ELIMINATION DE PLASMA RICHE EN PLAQUETTES ET DE CELLULES D'ASPIRAT DE MOELLE OSSEUSE**
[72] EMERSON, JANE F., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[71] THE UNIVERSITY OF SOUTHERN CALIFORNIA, US
[85] 2017-07-21
[86] 2016-01-22 (PCT/US2016/014537)
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[25] EN
[54] **DOWNHOLE CUTTING AND SEALING APPARATUS**
[54] **APPAREIL DE COUPE ET D'OBTURATION DE FOND DE TROU**
[72] PIPCHUK, DOUGLAS, CA
[72] COOPER, IAIN MICHAEL, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2017-07-21
[86] 2016-01-27 (PCT/US2016/015026)
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[25] EN
[54] **DRILL PIPE OSCILLATION REGIME AND TORQUE CONTROLLER FOR SLIDE DRILLING**
[54] **REGIME D'OSCILLATION DE TUYAU DE FORAGE ET CONTROLEUR DE COUPLE POUR FORAGE COULISSANT**
[72] BOONE, SCOTT G., US
[72] GILLAN, COLIN J., US
[71] CANRIG DRILLING TECHNOLOGY LTD., US
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[51] **Int.Cl. H01M 8/126 (2016.01) H01M 8/1226 (2016.01)**
[25] EN
[54] **ELECTROLYTE FORMING PROCESS**
[54] **PROCEDE DE FORMATION D'ELECTROLYTE**
[72] BONE, ADAM, GB
[72] LEAH, ROBERT, GB
[72] MATTHEWS, CARL, GB
[72] LANKIN, MIKE, GB
[72] RAHMAN, MAHFUJUR, GB
[72] SELCUK, AHMET, GB
[71] CERES INTELLECTUAL PROPERTY COMPANY LIMITED, GB
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[86] 2016-02-04 (PCT/GB2016/050255)
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[25] EN
[54] **ELECTROLYTE FORMING PROCESS**
[54] **PROCEDE DE FORMATION D'ELECTROLYTE**
[72] BONE, ADAM, GB
[72] LEAH, ROBERT, GB
[72] MATTHEWS, CARL, GB
[72] LANKIN, MIKE, GB
[72] RAHMAN, MAHFUJUR, GB
[71] CERES INTELLECTUAL PROPERTY COMPANY LIMITED, GB
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[25] EN
[54] **METHOD FOR THE PRODUCTION OF CURVED PIECES FROM A CONTINUOUS METAL ELEMENT**
[54] **PROCEDE DE FABRICATION DE PIECES INCURVEES A PARTIR D'UN ELEMENT METALLIQUE CONTINU**
[72] PASSONE, PIETRO, IT
[71] E.M.A.R.C. S.P.A., IT
[85] 2017-07-24
[86] 2015-12-16 (PCT/IB2015/059678)
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[25] EN
[54] **SEGREGATED MULTI-MATERIAL METAL-MATRIX COMPOSITE TOOLS**
[54] **OUTILS EN COMPOSITE A MATRICE METALLIQUE A PLUSIEURS MATERIAUX SEPARES**
[72] COOK, GRANT O., III, US
[72] PARTHASARATHI PADMAREKHA, VENKKATEESH, US
[72] PAN, YI, US
[72] VOGLEWEDE, DANIEL BRENDAN, US
[72] OLSEN, GARRETT T., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[51] **Int.Cl. E21B 47/09 (2012.01) E21B 33/12 (2006.01) E21B 47/12 (2012.01)**
[25] EN
[54] **PLUG TRACKING THROUGH SURFACE MOUNTED EQUIPMENT**
[54] **SUIVI DE BOUCHON PAR EQUIPEMENT MONTE EN SURFACE**
[72] ROGOZINSKI, NICOLAS, US
[72] BUDLER, NICHOLAS F., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[51] **Int.Cl. B23K 9/23 (2006.01) B23K 9/04 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR WELDING WORK PIECES HAVING DISSIMILAR COMPOSITIONS**
[54] **PROCEDES ET APPAREIL POUR LE SOUDAGE DE PIECES A USINER PRESENTANT DES COMPOSITIONS DIFFERENTES**
[72] BUSH, DONALD R., US
[72] ROHRDANZ, NICHOLAS B., US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2017-07-24
[86] 2016-02-04 (PCT/US2016/016490)
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[25] EN
[54] **THERMALLY COMPENSATED VALVE TRIM COMPONENT**
[54] **ORGANE INTERNE DE SOUPAPE A COMPENSATION THERMIQUE**
[72] RICHARDSON, JONATHAN W., US
[72] PARRIE, TIMOTHY RANDALL, US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2017-07-24
[86] 2016-02-04 (PCT/US2016/016492)
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[30] US (62/111,997) 2015-02-04
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[13] A1
[51] **Int.Cl. G01N 11/00 (2006.01) E21B 43/16 (2006.01)**
[25] EN
[54] **MODELING OF FLUID INTRODUCTION AND/OR FLUID EXTRACTION ELEMENTS IN SIMULATION OF COREFLOOD EXPERIMENT**
[54] **MODELISATION D'ELEMENTS D'INTRODUCTION DE FLUIDE ET/OU D'EXTRACTION DE FLUIDE DANS LA SIMULATION D'EXPERIENCE DE TEST DE DEPLACEMENT DES FLUIDES EN MILIEU POREUX**
[72] SU, SHI, FR
[72] FORDHAM, EDMUND J., GB
[72] GIDDINS, MARIE ANN, GB
[72] NACCACHE, PAUL, GB
[72] CLARKE, ANDREW, GB
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2017-07-24
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[30] US (62/111,158) 2015-02-03
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[13] A1
[51] **Int.Cl. B26D 7/02 (2006.01) B26D 7/06 (2006.01)**
[25] EN
[54] **DEVICE TO CLAMP LOGS DURING THE CUT THEREOF AND SAWING MACHINE COMPRISING SAID DEVICE**
[54] **DISPOSITIF POUR SERRER DES BILLES PENDANT LEUR DECOUPE ET MACHINE A SCIER COMPRENANT LEDIT DISPOSITIF**
[72] PARDINI, GIONATA, IT
[71] UNIVERSAL TISSUE TECHNOLOGY S.R.L., IT
[85] 2017-07-25
[86] 2015-12-18 (PCT/EP2015/080567)
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[51] **Int.Cl. C22B 3/16 (2006.01) C22B 3/10 (2006.01) G21F 9/30 (2006.01) C22B 11/00 (2006.01) C22B 13/00 (2006.01) C22B 60/00 (2006.01) C22B 61/00 (2006.01)**
[25] EN
[54] **REMOVAL OF RADIONUCLIDES FROM MIXTURES**
[54] **ELIMINATION DE RADIONUCLEIDES CONTENUS DANS DES MELANGES**
[72] URCH, HENNING, DE
[72] REIN, CHRISTIAN, AU
[72] FITZMAURICE, NEIL JEFFREY, AU
[72] ORR, GRAHAM ROBERT, AU
[72] REDFERN, DAVID, AU
[71] BASF SE, DE
[85] 2017-07-25
[86] 2016-01-25 (PCT/EP2016/051403)
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[51] **Int.Cl. C11D 1/83 (2006.01) C11D 3/37 (2006.01) C11D 3/40 (2006.01)**
[25] EN
[54] **LAUNDRY LIQUID COMPOSITION**
[54] **COMPOSITION LIQUIDE POUR LESSIVE**
[72] AUTY, CATHERINE MARY, GB
[72] BATCHELOR, STEPHEN NORMAN, GB
[72] BIRD, JAYNE MICHELLE, GB
[72] TYNAN, MATTHEW, GB
[71] UNILEVER PLC, GB
[85] 2017-07-25
[86] 2016-02-10 (PCT/EP2016/052782)
[87] (WO2016/128433)
[30] EP (15155023.3) 2015-02-13

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[51] **Int.Cl. C11D 1/83 (2006.01) C11D 1/72 (2006.01) C11D 3/37 (2006.01) C11D 3/40 (2006.01)**
[25] EN
[54] **LAUNDRY LIQUID COMPOSITION**
[54] **COMPOSITION LIQUIDE POUR LESSIVE**
[72] BATCHELOR, STEPHEN NORMAN, GB
[72] BIRD, JAYNE MICHELLE, GB
[72] TYNAN, MATTHEW, GB
[71] UNILEVER PLC, GB
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[86] 2016-02-10 (PCT/EP2016/052790)
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[25] EN
[54] **LAUNDRY LIQUID COMPOSITION**
[54] **COMPOSITION LIQUIDE POUR LESSIVE**
[72] BATCHELOR, STEPHEN NORMAN, GB
[72] BIRD, JAYNE MICHELLE, GB
[72] TYNAN, MATTHEW, GB
[71] UNILEVER PLC, GB
[85] 2017-07-25
[86] 2016-02-10 (PCT/EP2016/052829)
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[30] EP (15155022.5) 2015-02-13

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[25] EN
[54] **TREATMENT OR PREVENTION OF SURGERY-INDUCED CACHEXIA AND/OR EXPRESSION OF MYELOID-DERIVED SUPPRESSOR CELLS AND PRO-INFLAMMATORY CYTOKINES**
[54] **TRAITEMENT OU PREVENTION DE LA CACHEXIE INDUITE PAR UNE INTERVENTION CHIRURGICALE ET/OU DE L'EXPRESSION DES CELLULES SUPPRESSIVES DE LA LIGNEE MYELOIDE ET DE CYTOKINES PRO-INFLAMMATOIRES**
[72] HAMILTON-REEVES, JILL, US
[72] HOLZBEIERLEIN, JEFFREY M., US
[72] YANKEE, THOMAS, US
[71] NESTEC S.A., CH
[85] 2017-07-25
[86] 2016-02-15 (PCT/EP2016/053156)
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[30] US (62/116,155) 2015-02-13

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[13] A1
[51] **Int.Cl. E02F 9/28 (2006.01) E02F 3/80 (2006.01)**
[25] EN
[54] **FIXING DEVICE FOR FIXING A WEAR OR PROTECTION ELEMENT ON A BUCKET OF AN EARTH MOVING MACHINE AND CORRESPONDING FIXING METHOD AND WEAR OR PROTECTION SYSTEM**
[54] **DISPOSITIF DE FIXATION SERVANT A FIXER UN ELEMENT ANTI USURE OU PROTECTEUR SUR UN GODET D'UNE MACHINE DE DEPLACEMENT DE TERRE ET METHODE DE FIXATION CORRESPONDANTE ET SYSTEME ANTIUSURE OU PROTECTEUR**
[72] ROL CORREDOR, JAVIER, ES
[72] MARTINEZ MANE, ANGEL, ES
[72] LOPEZ REQUEJO, SERGIO, ES
[72] PEREZ SORIA, FRANCISCO, ES
[72] TRIGINER BOIXEDA, JORGE, ES
[71] METALOGENIA RESEARCH & TECHNOLOGIES S.L., ES
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[87] (WO2016/135360)
[30] ES (PCT/ES2015/070119) 2015-02-23

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[51] **Int.Cl. C08F 4/651 (2006.01) C08F 2/01 (2006.01) C08L 23/10 (2006.01) C08F 10/06 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING HETEROPHASIC COPOLYMERS OF PROPYLENE**
[54] **PROCEDE DE PRODUCTION DE COPOLYMERES DE PROPYLENE HETEROPHASIQUES**
[72] LESKINEN, PAULI, FI
[72] LILJA, JOHANNA, FI
[72] WANG, JINGBO, AT
[72] GAHLEITNER, MARKUS, AT
[71] BOREALIS AG, AT
[85] 2017-07-25
[86] 2016-02-18 (PCT/EP2016/053430)
[87] (WO2016/131907)
[30] EP (15155854.1) 2015-02-20

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[13] A1
[51] **Int.Cl. A61B 10/00 (2006.01) A61B 5/00 (2006.01)**
[25] EN
[54] **INFANT SKIN TEST DEVICE AND METHODS FOR USING SAME**
[54] **DISPOSITIF DE TEST CUTANE POUR NOURRISSON ET PROCEDES D'UTILISATION ASSOCIES**
[72] BLANCHARD, CARINE, CH
[71] NESTEC S.A., CH
[85] 2017-07-25
[86] 2016-02-22 (PCT/EP2016/053673)
[87] (WO2016/131988)
[30] US (62/118,875) 2015-02-20

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[13] A1
[51] **Int.Cl. A45D 40/00 (2006.01) A45D 33/00 (2006.01) A45D 34/00 (2006.01)**
[25] FR
[54] **COSMETIC POT COMPRISING A COVER HAVING A GUIDED HOOKING MEMBER**
[54] **POT DE COSMETIQUE COMPORTANT UN COUVERCLE A ELEMENT D'ACCROCHAGE GUIDE**
[72] SALCIARINI, CHRISTIAN, FR
[72] CHANDELIER, JULIEN, FR
[72] PERBAL, GREGORY, FR
[71] CHANEL PARFUMS BEAUTE, FR
[85] 2017-07-25
[86] 2016-02-08 (PCT/FR2016/050265)
[87] (WO2016/128660)
[30] FR (1551009) 2015-02-09

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[13] A1
[51] **Int.Cl. A47J 31/44 (2006.01) A47J 31/40 (2006.01) A47J 31/52 (2006.01)**
[25] EN
[54] **MACHINE FOR PREPARING A BEVERAGE WITH REPEATABLE CHARACTERISTICS**
[54] **MACHINE DE PREPARATION D'UNE BOISSON AVEC DES CARACTERISTIQUES REPRODUCTIBLES**
[72] BIANCHI, ROBERTO, IT
[72] GUGLIELMINO, SCOTT, IT
[72] GATTI, RICCARDO, IT
[71] LA MARZOCCO S.R.L., IT
[85] 2017-07-25
[86] 2015-03-16 (PCT/IB2015/051903)
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[13] A1
[51] **Int.Cl. A01N 37/46 (2006.01) A01N 25/30 (2006.01) A01N 37/00 (2006.01) A01P 1/00 (2006.01)**
[25] EN
[54] **METHOD FOR DISINFECTING A SURFACE, AND COMPOSITION SUITABLE FOR USE THEREIN**
[54] **PROCEDE DE DESINFECTION D'UNE SURFACE ET COMPOSITION ADAPTEE A CE PROCEDE**
[72] BOBBERT, ILJA, NL
[71] HYGIENIX BV, NL
[85] 2017-07-25
[86] 2016-02-05 (PCT/EP2016/052551)
[87] (WO2016/124764)
[30] EP (15154007.7) 2015-02-05

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[13] A1
[51] **Int.Cl. E21B 43/26 (2006.01) E21B 43/17 (2006.01)**
[25] EN
[54] **METHOD OF PERFORMING WELLSITE FRACTURE OPERATIONS WITH STATISTICAL UNCERTAINTIES**
[54] **PROCEDE DE REALISATION D'OPERATIONS DE FRACTURE SUR SITE DE FORAGE AVEC DES INCERTITUDES STATISTIQUES**
[72] WENG, XIAOWEI, US
[72] COHEN, CHARLES-EDOUARD, BR
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2017-07-24
[86] 2015-12-15 (PCT/US2015/065717)
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[30] US (62/108,841) 2015-01-28

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[51] **Int.Cl. A61K 35/32 (2015.01) A61P 19/02 (2006.01) A61P 29/00 (2006.01) A61P 37/06 (2006.01)**
[25] EN
[54] **COMPOSITION FOR TREATING INFLAMMATORY DISEASES INDUCED BY HYPERIMMUNE RESPONSE**
[54] **COMPOSITION POUR TRAITER DES MALADIES INFLAMMATOIRES PROVOQUEES PAR DES REPONSES HYPER-IMMUNES**
[72] CHOI, HEONSIK, KR
[72] CHOI, KYOUNGBAEK, KR
[72] LEE, HYEONYOUL, KR
[72] KIM, DAEWOOK, KR
[72] LEE, HYESUN, KR
[72] KIM, MIN, KR
[72] KIM, SUJEONG, KR
[71] KOLON LIFE SCIENCE, INC., KR
[85] 2017-07-25
[86] 2016-02-05 (PCT/KR2016/001310)
[87] (WO2016/126139)
[30] US (62/112,718) 2015-02-06

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[51] **Int.Cl. G01N 11/00 (2006.01) E21B 43/16 (2006.01)**
[25] EN
[54] **ENHANCED OIL RECOVERY (EOR) CHEMICAL COREFLOOD SIMULATION STUDY WORKFLOW**
[54] **FLUX DE TRAVAUX D'ETUDE DE SIMULATION CHIMIQUE DE BALAYAGE SUR CAROTTE POUR LA RECUPERATION ASSISTEE DES HYDROCARBURES (RAH)**
[72] SU, SHI, FR
[72] GIDDINS, MARIE ANN, GB
[72] KUZNETSOV, DANILA, AU
[72] NACCACHE, PAUL, GB
[72] CLARKE, ANDREW, GB
[72] FORDHAM, EDMUND J., GB
[72] HAWKES, LAURENCE, GB
[72] HOWE, ANDREW, GB
[72] MITCHELL, JONATHAN, GB
[72] STANILAND, JOHN, GB
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2017-07-25
[86] 2016-02-03 (PCT/US2016/016270)
[87] (WO2016/126759)
[30] US (62/111,158) 2015-02-03
[30] US (62/111,162) 2015-02-03
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[13] A1
[51] **Int.Cl. G01N 11/00 (2006.01) E21B 43/16 (2006.01)**
[25] EN
[54] **MULTI-PHASE POLYMER APPARENT VISCOSITY DETERMINATION IN POLYMER COREFLOOD SIMULATION STUDY WORKFLOW**
[54] **CALCUL DE COEFFICIENT DE VISCOSITE DE CISAILLEMENT DE POLYMERE A PLUSIEURS PHASES EN DEROULEMENT DES OPERATIONS D'ETUDE DE SIMULATION PAR INJECTION DE POLYMERE DANS UNE CAROTTE**
[72] SU, SHI, FR
[72] GIDDINS, MARIE ANN, GB
[72] NACCACHE, PAUL, GB
[72] CLARKE, ANDREW, GB
[72] FORDHAM, EDMUND J., GB
[71] SCHLUMBERGER CANADA LIMITED, CA
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[54] **MEMBRANES DE TOITURE THERMOPLASTIQUES POUR SYSTEMES DE TOITURE A ADHERENCE TOTALE**
[72] WANG, HAO, US
[72] HUBBARD, MICHAEL J., US
[72] WACENSKE, DWAYNE, US
[72] TIPPMANN, DONNA C., US
[71] FIRESTONE BUILDING PRODUCTS CO., LLC, US
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[54] **SYSTEMES DE PROPULSION A HELICE A CELLULE INTEGREE**
[72] HIRANO, HELIO, BR
[72] TRAPP, LUIS GUSTAVO, BR
[71] EMBRAER S.A., BR
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[54] **ENSEMBLE ROULANT**
[72] MERINO LOPEZ, JOSE, FR
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
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[54] **DEVICE AND METHOD FOR DETERMINING A PARAMETER OF A TRANSFORMER**
[54] **DISPOSITIF ET PROCEDE DE DETERMINATION D'UNE CARACTERISTIQUE D'UN TRANSFORMATEUR**
[72] PUTTER, MARKUS (DECEASED), AT
[72] SAPETSCHNIG, RENE, AT
[71] OMICRON ELECTRONICS GMBH, AT
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[25] FR
[54] **WELL STIMULATION TOOL COMPRISING AN ARTICULATED LINK**
[54] **OUTIL DE STIMULATION DE PUITS COMPORTANT UNE LIAISON ARTICULEE**
[72] DELCHAMBRE, MICHAEL, FR
[72] FERIOL, LAURENT, FR
[72] ONQUIERT, GUILLAUME, FR
[71] ENE29 S.AR.L., LU
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[54] **COMPOSITION DE PLASTIFIANT CONTENANT DES ESTERS D'ACIDE DICARBOXYLIQUE POLYMERES ET DES DIALKYLESTERS D'ACIDE TEREPHTALIQUE**
[72] PFEIFFER, MATTHIAS, DE
[72] BREITSCHEIDEL, BORIS, DE
[72] GRIMM, AXEL, DE
[72] MORGENSTERN, HERBERT, DE
[71] BASF SE, DE
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[54] **SYSTEME DE SABLAGE A MOTEUR PROTEGE**
[72] KRISMANIC, GEORG, AT
[72] LANG, ANDREAS, AT
[72] SCHNEIDER, ALBERT, AT
[71] KNORR-BREMSE GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, AT
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[54] **BURNER FOR THE PRODUCTION OF SYNTHESIS GAS AND RELATED COOLING CIRCUIT**
[54] **BRULEUR POUR LA PRODUCTION DE GAZ DE SYNTHESE ET CIRCUIT DE REFROIDISSEMENT ASSOCIE**
[72] ZANICHELLI, LUCA, IT
[72] STREPPAROLA, ELIO, IT
[72] CARLUCCI MAZZAMUTO, MARCO, IT
[71] CASALE SA, CH
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[54] **ENCAPSULATION OF HIGH POTENCY ACTIVE AGENTS**
[54] **ENCAPSULATION D'AGENTS ACTIFS TRES PUISSANTS**
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[72] NEWITT, CLIVE ROLAND (DECEASED), GB
[71] EDEN RESEARCH PLC, GB
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[25] EN
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[54] **COMPOSITION COMPRENANT UN PESTICIDE ET UN ESTER ALCOXYL□E**
[72] FLEUTE-SCHLACHTER, INGO, DE
[72] RATHS, HANS-CHRISTIAN, DE
[72] HUPKA, BIRGIT, DE
[72] HAHN, BJOERN THOMAS, DE
[72] ROEDER, JUERGEN, DE
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[54] **PROCESS FOR PRODUCING POLYETHYLENE**
[54] **PROCEDE DE PRODUCTION DE POLYETHYLENE**
[72] SUMERIN, VICTOR, FI
[72] THORMAN, JOSEPH, FI
[72] AHO, JANI, FI
[72] VAHTERI, MARKKU, FI
[72] TUPE, RAVINDRA, FI
[72] KELA, JARMO, FI
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[54] **BLOCK COPOLYMERS AND THE USE THEREOF FOR IMPROVING THE COLD PROPERTIES OF FUELS OR COMBUSTIBLES**
[54] **COPOLYMERES A BLOCS ET LEUR UTILISATION POUR AMELIORER LES PROPRIETES A FROID DE CARBURANTS OU COMBUSTIBLES**
[72] PREVOST, JULIE, FR
[72] HEROGUEZ, VALERIE, FR
[72] COLLETTE, FLORAINE, FR
[71] TOTAL MARKETING SERVICES, FR
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[25] EN
[54] **SINTERING FURNACE FOR COMPONENTS MADE OF SINTERED MATERIAL - IN PARTICULAR, DENTAL COMPONENTS**
[54] **FOUR DE FRITTAGE POUR COMPOSANTS EN MATIERE FRITTEE, EN PARTICULIER COMPOSANTS DENTAIRES**
[72] FORNOFF, PETER, DE
[72] SCHMIDT, CHRISTIAN, DE
[71] SIRONA DENTAL SYSTEMS GMBH, DE
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[25] EN
[54] **METHOD FOR CARRYING OUT PRECISE LASER CUTTINGS ON A RIBBON SHEET AND APPARATUS TO CARRY OUT THE METHOD**
[54] **PROCEDE DE MISE EN □UVRE DE DECOUPES PAR LASER PRECISES SUR UNE FEUILLE DE RUBAN ET APPAREIL DE MISE EN □UVRE DU PROCEDE**
[72] DALLAN, ANDREA, IT
[71] DALLAN S.P.A., IT
[85] 2017-07-26
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[54] **BOUCHON DE FOND DE TROU MULTIFONCTION**
[72] MAKOWIECKI, GARY JOE, US
[72] STAIR, TODD ANTHONY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **DETERGENT COMPOSITION**
[54] **COMPOSITION DETERGENTE**
[72] LETZELTER, NATHALIE SOPHIE, GB
[72] RANDHAWA, ASHMITA, GB
[72] VIALLET, SANDRINE ANNETTE HENRIETTE, GB
[71] THE PROCTER & GAMBLE COMPANY, US
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[86] 2016-02-01 (PCT/US2016/015875)
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[25] EN
[54] **METHOD OF DISHWASHING**
[54] **PROCEDE DE LAVAGE AUTOMATIQUE DE LA VAISSELLE**
[72] LETZELTER, NATHALIE, SOPHIE, GB
[72] SOLACHE LEON, FERNANDO, GB
[72] URQUHART, CLAIRE, GB
[71] THE PROCTER & GAMBLE COMPANY, US
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[25] EN
[54] **METHOD OF DISHWASHING**
[54] **PROCEDE DE LAVAGE AUTOMATIQUE DE LA VAISSELLE**
[72] LETZELTER, NATHALIE SOPHIE, GB
[72] SOLACHE LEON, FERNANDO, GB
[72] URQUHART, CLAIRE, GB
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **ADHESIVE MATERIAL AND METHOD OF USE THEREOF**
[54] **MATERIAU ADHESIF ET PROCEDE D'UTILISATION ASSOCIE**
[72] WALKER, JASON, US
[71] ZEPHYROS, INC., US
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[25] EN
[54] **POST ANNEALED HIGH TENSILE STRENGTH COATED STEEL SHEET HAVING IMPROVED YIELD STRENGTH AND HOLE EXPANSION**
[54] **TOLE D'ACIER REVETUE A HAUTE RESISTANCE A LA TRACTION AYANT SUBI UN POST-RECUIT AYANT UNE LIMITE D'ELASTICITE CONVENTIONNELLE ET UN RESULTAT D'ESSAI D'AGRANDISSEMENT DE TROU AMELIORES**
[72] JUN, HYUN, US
[71] ARCELORMITTAL, LU
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[54] **EMBOUT DRAINANT VENTILE DE REGLEUR DE TIMONERIE**
[72] WHALEN, SHAUN T., US
[72] GREGAR, PETER PAUL, US
[72] NATSCHKE, SCOTT LEE, US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
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[54] **ELASTOMERIC COMPOSITIONS AND THEIR APPLICATIONS**
[54] **COMPOSITIONS ELASTOMERES ET LEURS APPLICATIONS**
[72] GUBBELS, FREDERIC, BE
[72] TEXEIRA, SANDRINE, BE
[71] DOW CORNING CORPORATION, US
[85] 2017-07-27
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[54] **ACTUATED VALVE OR PUMP FOR MICROFLUIDIC DEVICES**
[54] **SOUPAPE ACTIONNEE OU POMPE POUR DISPOSITIFS MICROFLUIDIQUES**
[72] MESCHER, MARK JOSEPH, US
[72] COPPETA, JONATHAN ROBERT, US
[72] SPENCER, ABIGAIL JUNE, US
[72] ISENBERG, BRETT, US
[71] THE CHARLES STARK DRAPER LABORATORY, INC., US
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[54] **SYSTEM, PROCESS, AND DEVICES FOR REAL-TIME BRAIN MONITORING**
[54] **SYSTEME, PROCEDE ET DISPOSITIF DE SURVEILLANCE DU CERVEAU EN TEMPS REEL**
[72] NENADOVIC, VERA, CA
[72] GUEVARA ERRA, RAMON MARIANO, FR
[72] BOULET, JASON, CA
[71] BRAINSVIEW INC., CA
[85] 2017-08-02
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[25] EN
[54] **PRESS SYSTEMS AND METHODS**
[54] **SYSTEMES DE PRESSE ET PROCEDES**
[72] MARTIN GONZALEZ, IGNACIO, ES
[72] LOPEZ LAGE, MANUEL, ES
[72] RAYA ZAMORA, PEDRO, ES
[71] AUTOTECH ENGINEERING A.I.E., ES
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[54] **APPARATUS AND METHOD FOR COMPENSATING FOR RECEIVER MOTION IN AIRBORNE ELECTROMAGNETIC SYSTEMS**
[54] **APPAREIL ET PROCEDE POUR COMPENSER LE MOUVEMENT DE RECEPTEUR DANS DES SYSTEMES ELECTROMAGNETIQUES AEROPORTES**
[72] SMIAROWSKI, ADAM, FR
[72] MILES, PHILIP, FR
[71] CGG SERVICES SAS, FR
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[25] EN
[54] **TEST DEVICE AND METHOD FOR OPERATING A TEST DEVICE**
[54] **DISPOSITIF DE TEST ET PROCEDE PERMETTANT DE FAIRE FONCTIONNER UN TEL DISPOSITIF**
[72] KAUFMANN, REINHARD, AT
[72] FLAX, DIRK, AT
[71] OMICRON ELECTRONICS GMBH, AT
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[25] EN
[54] **POLYFUNCTIONAL AMINES WITH HYDROPHOBIC MODIFICATION FOR CONTROLLED CROSSLINKING OF LATEX POLYMERS**
[54] **AMINES POLYFONCTIONNELLES PRESENTANT UNE MODIFICATION HYDROPHOBE POUR LA RETICULATION CONTROLEE DES POLYMERES DE LATEX**
[72] LI, HAIBO, US
[71] ENNIS PAINT, INC., US
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[25] EN
[54] **METHOD FOR PRODUCING COATED METAL STRIP**
[54] **PROCEDE DE PRODUCTION DE BANDE METALLIQUE REVETUE**
[72] MORIKAWA, SHIGEYASU, JP
[72] FUJII, TAKAHIRO, JP
[71] NISSHIN STEEL CO., LTD., JP
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[54] **PIEZOELECTRIC ULTRASONIC DETECTOR**
[54] **DETECTEUR ULTRASONORE PIEZOELECTRIQUE**
[72] GRANT, MICHAEL ETHAN, US
[72] CUTLER, JEFFREY, US
[71] HONEYWELL INTERNATIONAL INC., US
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[51] **Int.Cl. E21B 47/09 (2012.01) E21B 33/12 (2006.01) E21B 47/12 (2012.01)**
[25] EN
[54] **UNDERGROUND GPS FOR USE IN PLUG TRACKING**
[54] **GPS SOUTERRAIN A UTILISER POUR LE SUIVI DE BOUCHON**
[72] BUDLER, NICHOLAS F., US
[71] HALLIBURTON ENERGY SERVICES INC., US
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[54] **METAL-MATRIX COMPOSITES REINFORCED WITH A REFRACTORY METAL**
[54] **COMPOSITES A MATRICE METALLIQUE RENFORCES PAR UN METAL REFRACTAIRE**
[72] OLSEN, GARRETT T., US
[72] COOK, GRANT O., III, US
[72] VOGLEWEDE, DANIEL BRENDAN, US
[72] THOMAS, JEFFREY G., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **SOLVENT BASED PRIMER COMPOSITION**
[54] **COMPOSITION D'APPRET A BASE DE SOLVANT**
[72] GUMMERSHEIMER, PETER P., DE
[72] SCHUH, MARC J., FR
[71] H.B. FULLER COMPANY, US
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[54] **WATER BASED PRIMER COMPOSITION**
[54] **COMPOSITION D'APPRET A BASE D'EAU**
[72] PEREZ GARCIA, LUIS G., ES
[72] LAGO NUNEZ, CARMEN, ES
[72] PANGAIO DA COSTA, JOEL A., PT
[72] DE CALMES, NICOLAS, FR
[71] H.B. FULLER COMPANY, US
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[25] EN
[54] **ION SPECIFIC MEDIA REMOVAL FROM VESSEL FOR VITRIFICATION**
[54] **ELIMINATION DE MILIEUX SPECIFIQUES AUX IONS D'UN RECIPIENT POUR VITRIFICATION**
[72] CAMPBELL, BRETT EDWARD, US
[72] COLE, MATT DENVER, US
[71] KURION, INC., US
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[25] EN
[54] **PUNCH ASSEMBLY WITH REPLACEABLE PUNCH TIP**
[54] **DISPOSITIF DE POINCONNAGE AVEC POINTE DE POINCON REMPLACABLE**
[72] VILLENEUVE, LARRY, US
[72] TEICHROEW, DARIUS, US
[71] MATE PRECISION TOOLING, INC., US
[85] 2017-07-27
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[25] EN
[54] **GELLING DEXTRAN ETHERS**
[54] **ETHERS DE DEXTRANE GELIFIANTS**
[72] PAULLIN, JAYME L., US
[72] NAMBIAR, RAKESH, US
[71] E I DU PONT DE NEMOURS AND COMPANY, US
[85] 2017-07-27
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[25] EN
[54] **LABEL ASSEMBLIES FOR ADVERSE ENVIRONMENTS**
[54] **ENSEMBLES ETIQUETTES POUR ENVIRONNEMENTS HOSTILES**
[72] JANKO, PAVEL, NL
[71] AVERY DENNISON CORPORATION, US
[85] 2017-07-27
[86] 2016-02-05 (PCT/US2016/016774)
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[25] EN
[54] **PUNCH ASSEMBLY WITH REPLACEABLE PUNCH TIP SECURED BY COUPLING PIN**
[54] **ENSEMBLE POINCON AVEC POINTE DE POINCON REMPLACABLE FIXEE PAR GOUPILLE D'ACCOUPLEMENT**
[72] THIELGES, BRUCE, US
[71] MATE PRECISION TOOLING, INC., US
[85] 2017-07-27
[86] 2016-02-09 (PCT/US2016/017129)
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[25] EN
[54] **CERAMIC BINDER COMPOSITION FOR CERAMIC COATED SEPARATOR FOR LITHIUM ION BATTERIES, METHODS OF PRODUCING SAME, AND USES THEREOF**
[54] **COMPOSITION DE LIANT CERAMIQUE POUR SEPARATEUR A REVETEMENT CERAMIQUE DESTINE AUX BATTERIES AU LITHIUM-ION, PROCEDES DE LEUR FABRICATION ET LEUR UTILISATION**
[72] ALHARIZAH, ALAA, US
[72] CHU, SUNG GUN, US
[72] GOLIASZEWSKI, ALAN EDWARD, US
[72] HOOD, DAVID K., US
[72] PENG, SHUFU, US
[72] TALLON, MICHAEL A., US
[72] FILLIPO, BRUCE, US
[71] HERCULES LLC, US
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[25] EN
[54] **TOPICAL LIQUID COMPOSITION COMPRISING MELATONIN**
[54] **COMPOSITION TOPIQUE LIQUIDE CONTENANT DE LA MELATONINE**
[72] AGOSTINETTO, RITA, IT
[71] ARES TRADING S.A., CH
[85] 2017-07-28
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[25] EN
[54] **METHOD FOR DETERMINING THE DIRECTION OF A SOURCE OF WATERBORNE SOUND, A COMPUTER PROGRAM PRODUCT, A COMPUTER OR SONAR, AND A WATERCRAFT**
[54] **PROCEDE DE DETERMINATION DE LA DIRECTION D'UNE SOURCE D'UN SON TRANSMIS PAR L'EAU, PRODUIT DE PROGRAMME INFORMATIQUE, ORDINATEUR OU SONAR ET VEHICULE NAUTIQUE**
[72] LOGES, WERNER, DE
[71] ATLAS ELEKTRONIK GMBH, DE
[85] 2017-07-28
[86] 2016-02-09 (PCT/DE2016/100055)
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[25] EN
[54] **AIR, ACOUSTIC AND/OR FIRE SEALING SLEEVE INSERT AND AIR, ACOUSTIC AND/OR FIRE SEALING DEVICE**
[54] **ELEMENT RAPPORTE DE MANCHON D'ETANCHEITE VIS-A-VIS DE L'AIR, ACOUSTIQUE ET/OU VIS-A-VIS DU FEU ET DISPOSITIF D'ETANCHEITE VIS-A-VIS DE L'AIR, ACOUSTIQUE ET/OU VIS-A-VIS DU FEU**
[72] SARG, TAMARA, US
[72] STROIKE, CHAD, US
[72] SCHWAIGER, LUKAS, US
[72] KEJRIWAL, AKHIL, US
[72] MUNZENBERGER, HERBERT, DE
[72] VANDERTOOK, JOSHUA, US
[71] HILTI AKTIENGESELLSCHAFT, LI
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[25] EN
[54] **GRAPHICAL DEPICTION OF WRAP PROFILE FOR LOAD WRAPPING APPARATUS**
[54] **REPRESENTATION GRAPHIQUE DE PROFIL D'EMBALLAGE POUR APPAREIL D'EMBALLAGE DE CHARGE**
[72] LANCASTER, PATRICK, R., III, US
[72] MITCHELL, MICHAEL, P., US
[71] LANTECH.COM, LLC, US
[85] 2017-04-07
[86] 2015-10-07 (PCT/US2015/054566)
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[25] EN
[54] **USES OF CO-CRYSTALS**
[54] **UTILISATIONS DE CO-CRISTAUX**
[72] OSWALD, IAIN, GB
[72] DELORI, AMIT, GB
[71] UNIVERSITY OF STRATHCLYDE, GB
[85] 2017-07-28
[86] 2016-02-01 (PCT/GB2016/050219)
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[51] **Int.Cl. C23C 2/26 (2006.01) C23C 2/06 (2006.01) C23F 11/14 (2006.01)**
[25] FR
[54] **METHOD FOR THE PRODUCTION OF A COATED METAL SHEET, COMPRISING THE APPLICATION OF AN AQUEOUS SOLUTION CONTAINING AN AMINO ACID, AND ASSOCIATED USE IN ORDER TO IMPROVE TRIBOLOGICAL PROPERTIES**
[54] **PROCEDE DE PREPARATION D'UNE TOLE REVETUE COMPRENANT L'APPLICATION D'UNE SOLUTION AQUEUSE COMPRENANT UN AMINOACIDE ET UTILISATION ASSOCIEE POUR AMELIORER LES PROPRIETES TRIBOLOGIQUES**
[72] RACHIELE, LYDIA, FR
[72] DERULE, HERVE, FR
[72] THAI, DELPHINE, FR
[71] ARCELORMITTAL, LU
[85] 2017-07-28
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[25] EN
[54] **TRACKING AND LIGHTING SYSTEMS AND METHODS FOR A VEHICLE**
[54] **SYSTEMES ET PROCEDES DE SUIVI ET D'ECLAIRAGE POUR UN VEHICULE**
[72] QUINLAN, CHARISSA, US
[72] KAY, BRADLEY WILLIAM, US
[71] J.W. SPEAKER CORPORATION, US
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[25] EN
[54] **FASTENERS FOR NUCLEAR REACTOR SYSTEMS**
[54] **ELEMENTS DE FIXATION POUR SYSTEMES A REACTEURS NUCLEAIRES**
[72] CADELL, SETH, US
[72] LISZKAI, TAMAS R., US
[71] NUSCALE POWER, LLC, US
[85] 2017-07-28
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[25] EN
[54] **EXPANDED-GLASS GRANULAR MATERIAL AND METHOD FOR PRODUCING SAME**
[54] **GRANULAT DE VERRE MOUSSE ET SON PROCEDE DE FABRICATION**
[72] WEINBERGER, KARL, DE
[71] DENNERT PORAVER GMBH, DE
[85] 2017-07-31
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[54] **SINGLE-LIP DEEP HOLE DRILL**
[54] **FORET POUR TROUS PROFONDS A UNE LEVRE DE COUPE**
[72] DEEG, JUERGEN, DE
[71] BOTEK PRAZISIONSBOHRTECHNIK GMBH, DE
[85] 2017-07-31
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[87] (WO2016/128462)
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[25] EN
[54] **PROCESS FOR CLEANING SOILED METAL SURFACES AND SUBSTANCES USEFUL FOR SUCH PROCESS**
[54] **PROCEDE DE NETTOYAGE DE SURFACES METALLIQUES SOUILLEES ET DES SUBSTANCES UTILES POUR UN TEL PROCEDE**
[72] HUEFFER, STEPHAN, DE
[72] GARCIA MARCOS, ALEJANDRA, DE
[72] REIS-WALTHER, EVA-MARIA, DE
[71] BASF SE, DE
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[51] **Int.Cl. E21B 43/00 (2006.01) E21B 47/00 (2012.01)**
[25] EN
[54] **SELECTING POTENTIAL WELL LOCATIONS IN A RESERVOIR GRID MODEL**
[54] **SELECTION D'EMPLACEMENTS DE PUITS POTENTIELS DANS UN MODELE MATRICIEL DE RESERVOIR**
[72] WANG, FENG, US
[71] LANDMARK GRAPHICS CORPORATION, US
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[25] EN
[54] **PRESSURE-SENSITIVE ADHESIVES FOR TRANSDERMAL DRUG DELIVERY**
[54] **ADHESIFS SENSIBLES A LA PRESSION POUR L'ADMINISTRATION TRANSDERMIQUE DE MEDICAMENTS**
[72] ZHANG, JILIN, US
[72] LIAO, JUN, US
[72] LIU, PUCHUN, US
[72] DINH, STEVEN, US
[71] NOVEN PHARMACEUTICALS, INC., US
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[25] EN
[54] **BARRIER ENHANCED PET MULTILAYER CONTAINER**
[54] **RECIPIENT MULTICOUCHE EN PET A BARRIERE AMELIOREE**
[72] MOFFITT, RONALD D., US
[72] KAUR, JASMEET, US
[72] FREEMAN, T. EDWIN, US
[72] KRIEGEL, ROBERT, US
[72] SHI, YU, US
[72] MORALES, MARLON SALVADOR, US
[72] NAGHAL, VIDHU, US
[71] THE COCA-COLA COMPANY, US
[85] 2017-07-28
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[30] US (62/116,226) 2015-02-13

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[25] EN
[54] **SOCIAL ENGINEERING SIMULATION WORKFLOW APPLIANCE**
[54] **APPAREIL DE FLUX DE TRAVAIL DE SIMULATION D'INGENIERIE SOCIALE**
[72] CHAPMAN, MARK T., US
[71] PHISHLINE, LLC, US
[85] 2017-07-31
[86] 2016-02-04 (PCT/US2016/016612)
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[30] US (62/112,503) 2015-02-05
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[30] US (62/135,990) 2015-03-20
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[54] **FILTERING DATA LINEAGE DIAGRAMS**
[54] **FILTRAGE DE DIAGRAMMES DE LIGNAGE DE DONNEES**
[72] RADIVOJEVIC, DUSAN, US
[71] AB INITIO TECHNOLOGY LLC, US
[85] 2017-07-31
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[25] EN
[54] **AUTOMATIC DOOR OPERATION**
[54] **ACTIONNEMENT DE PORTE AUTOMATIQUE**
[72] WOJDYLA, ADAM, US
[72] DOSENBACH, SAJED, US
[72] PUGH, MICHAEL R., US
[72] WEGNER, CHRISTOPHER, US
[72] PERKINS, GREG, US
[71] THE BRAUN CORPORATION, US
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[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **QUERYING A DATA SOURCE ON A NETWORK**
[54] **INTERROGATION D'UNE SOURCE DE DONNEES SUR UN RESEAU**
[72] SCHECHTER, IAN, US
[72] ALLIN, GLENN JOHN, US
[71] AB INITIO TECHNOLOGY LLC, US
[85] 2017-07-31
[86] 2016-02-16 (PCT/US2016/018028)
[87] (WO2016/133880)
[30] US (62/117,588) 2015-02-18
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[25] EN
[54] **CUTTING TOOL APPARATUS**
[54] **AGENCEMENT D'OUTIL DE COUPE**
[72] BUCK, GUNTER, DE
[71] WOHLHAUPTER GMBH, DE
[85] 2017-08-01
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[30] DE (10 2015 101 644.3) 2015-02-05

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[51] **Int.Cl. B60N 2/005 (2006.01) B60N 2/06 (2006.01) B60N 2/16 (2006.01)**
[25] EN
[54] **SEAT BASE ASSEMBLY OF A VEHICLE**
[54] **ENSEMBLE DE BASE DE SIEGE D'UN VEHICULE**
[72] LAIRD, MICHAEL, US
[72] MAYEKAWA, ROY, US
[72] PUGH, MICHAEL, US
[72] ZINDLER, MICHAEL T., US
[72] STONER, JAMES, US
[71] THE BRAUN CORPORATION, US
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[51] **Int.Cl. G06Q 50/30 (2012.01) H04W 4/02 (2009.01)**
[25] EN
[54] **PROGRAMMATICALLY DETERMINING LOCATION INFORMATION IN CONNECTION WITH A TRANSPORT SERVICE**
[54] **DETERMINATION PROGRAMMATIQUE D'INFORMATIONS D'EMPLACEMENT RELATIVE A UN SERVICE DE TRANSPORT**
[72] BRINIG, KEVIN, US
[72] HELLER, DANIEL, US
[72] SIFLEET, TOD, US
[72] PULAKUNTA, JYOTHIDHAR, US
[71] UBER TECHNOLOGIES, INC., US
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[86] 2016-02-05 (PCT/US2016/016858)
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[30] US (62/112,287) 2015-02-05
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[54] **IRRADIATION TARGET PROCESSING SYSTEM**
[54] **SYSTEME DE TRAITEMENT DE CIBLE D'IRRADIATION**
[72] RICHTER, THOMAS FABIAN, DE
[72] SYKORA, ALEXANDER, DE
[72] KANNWISCHER, WILFRIED, DE
[72] JAAFAR, LEILA, DE
[71] AREVA GMBH, DE
[85] 2017-08-02
[86] 2016-01-18 (PCT/EP2016/050893)
[87] (WO2016/128177)
[30] EP (PCT/EP2015/052646) 2015-02-09
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[25] EN
[54] **METHOD FOR THE PRODUCTION OF MILK WITH A HIGH CONTENT OF NATIVE VITAMIN D**
[54] **PROCEDE POUR PRODUIRE DU LAIT AYANT UNE TENEUR ELEVEE EN VITAMINE D NATIVE**
[72] GNANN, TONY, DE
[71] GNANN, TONY, DE
[85] 2017-08-02
[86] 2016-02-01 (PCT/EP2016/052031)
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[54] **PROCEDE POUR ARRETER DE FOURNIR DES ANNONCES DE RECIBLAGE PUBLICITAIRE**
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[72] THORNTON, JOHN MICHAEL, US
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[72] CHISHOLM, BRIAN, J., US
[72] OLSAVSKY, JOSEPH, E., US
[71] OWENS-BROCKWAY GLASS CONTAINER INC., US
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[54] **GYPSUM PANELS, SYSTEMS, AND METHODS**
[54] **PANNEAUX DE PLATRE, SYSTEMES, ET PROCEDES**
[72] THOMAS, VINCENT B., US
[72] BRADFORD, ROCHELLE, US
[72] SANDERS, CHRISTOPHER J., US
[72] TENG, YI-HSIEN HARRY, US
[71] GEORGIA-PACIFIC GYPSUM LLC, US
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[54] **PANNEAUX DE PLATRE, SYSTEMES, ET PROCEDES**
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[54] **INTERFACE D'ACHAT**
[72] OLSON, JUSTIN DOUGLAS, US
[72] FRAIKIN, ANTOINE, US
[72] JENSEN, KEVIN MATTHEW, US
[72] JENSEN, BRENT DANIEL, US
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[54] **APPARATUS AND METHOD FOR MOBILE FRICTION STIR WELDING OF TWO TUBULAR STRUCTURES**
[54] **DISPOSITIF ET PROCEDE POUR LE SOUDAGE PAR FRICTION-MALAXAGE MOBILE DE DEUX STRUCTURES TUBULAIRES**
[72] WEIGL, MARKUS, DE
[71] GRENZEBAU MASCHINENBAU GMBH, DE
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[54] **APPAREILS, METHODE ET SYSTEME POUR VERIFIER LES METADONNEES D'UNE PERSONNE**
[72] SANCHEZ, CARLOS, GB
[71] IPAGOO LLP, GB
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[54] **TOOL, DEVICE, APPARATUS AND METHOD**
[54] **OUTIL, DISPOSITIF, APPAREIL ET PROCEDE**
[72] HARRISON, PHILIP JAMES, GB
[71] SOFMAT LIMITED, GB
[85] 2017-08-03
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[54] **RACCORD DE PLOMBERIE AMELIORE**
[72] MCALPINE, JAMES EDWARD, GB
[71] MCALPINE & CO. LIMITED, GB
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[54] **PERSONALIZED RANKING FOR SEARCH RESULTS OF A TRAVEL-RELATED DATABASE QUERY**
[54] **CLASSEMENT PERSONNALISE POUR DES RESULTATS DE RECHERCHE D'UNE INTERROGATION DE BASE DE DONNEES BASEE SUR UN VOYAGE**
[72] PASERO, DAVID, FR
[72] ZHAO, HAIXIANG, GB
[72] CANIS, LAURE, FR
[72] DOR, PIERRE, FR
[72] ZMERLI, FETEN, FR
[71] AMADEUS S.A.S., FR
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[54] **APPAREIL D'ECOULEMENT ET D'ADMINISTRATION**
[72] VON SEGESSER, LUDWIG K., CH
[71] CORAFLO LTD., CH
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[54] **AGENCEMENT DE SOUPAPE D'ADMISSION POUR RESERVOIR DE TOILETTES**
[72] LESOLANG, PASEKA MOEMISE, ZA
[72] BECKER, LESLIE, ZA
[72] MAUCHLINE, DAVID ANDREW, ZA
[71] WAGIENIENCE (PTY) LTD, ZA
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[25] EN
[54] **COLLAPSIBLE MOBILE WORK BENCH AND TOOL SUPPORT STAND**
[54] **ETABLI MOBILE PLIABLE ET SOCLE DE SUPPORT D'OUTIL**
[72] URSELL, MIKE, US
[72] URSELL, CONNOR, US
[72] CROSS, MARK, US
[72] URSELL, SAM, US
[72] NEILSON, KEN, US
[71] AFFINITY TOOL WORKS, LLC, US
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[25] EN
[54] **WORK AND STORAGE TABLE**
[54] **TABLE DE TRAVAIL ET DE RANGEMENT**
[72] URSELL, MIKE, US
[72] URSELL, CONNOR, US
[72] CROSS, MARK, US
[72] URSELL, SAM, US
[72] NEILSON, KEN, US
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[54] **WEIGHT SENSING VEHICLE HITCH**
[54] **DISPOSITIF D'ATTELAGE DE VEHICULE A DETECTION DE POIDS**
[72] FREDRICKSON, DOUGLAS, US
[71] FREDRICKSON, DOUGLAS, US
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[54] **EXPANDING ENDOSCOPE AND METHOD**
[54] **ENDOSCOPE EXTENSIBLE ET PROCEDE**
[72] BEGG, NIKOLAI, US
[71] COVIDIEN LP, US
[85] 2017-08-03
[86] 2016-02-24 (PCT/US2016/019353)
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[54] **INSERTABLE MEDICAL DEVICE SYSTEM WITH PLAQUE TREATMENT PORTION AND METHODS OF USING**
[54] **SYSTEME DE DISPOSITIF MEDICAL INSERABLE COMPRENANT UNE PARTIE DE TRAITEMENT DE PLAQUES ET PROCEDES D'UTILISATION**
[72] OLSON, CHARLIE, US
[71] SURMODICS, INC., US
[85] 2017-08-03
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[54] **SURGICAL APPARATUS WITH CONDUCTOR STRAIN RELIEF**
[54] **APPAREIL CHIRURGICAL COMPORTANT UN REDUCTEUR DE TENSION CONDUCTEUR**
[72] CAPPOLA, KENNETH, US
[72] ARANYI, ERNIE, US
[71] COVIDIEN LP, US
[85] 2017-08-03
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[25] EN
[54] **OBLIQUE TIP ENDOSCOPE WITH ZERO DEGREE FIELD ANGLE**
[54] **ENDOSCOPE A POINTE OBLIQUE AVEC UN ANGLE DE CHAMP DE ZERO DEGRE**
[72] BRESCO TORRAS, PERE, ES
[72] DEGOLLADA BASTOS, MARIA, ES
[72] MATEU PRUNUNOSA, CARLES, ES
[72] GUERRA GARCIA, ANGEL, ES
[72] AKILIAN, MIREILLE, US
[72] AN, ALLEN, US
[72] BEGG, NIKOLAI, US
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[54] **SYSTEMES ET PROCEDES DE TOMOGRAPHIE PAR COHERENCE OPTIQUE A LIGNE DE RETARD A PLUSIEURS FOYERS**
[72] PULASKI, PAUL, US
[72] NEAL, DANIEL R., US
[72] RAYMOND, THOMAS D., US
[72] FARRER, STEPHEN W., US
[72] HAMRICK, DANIEL R., US
[72] COPLAND, RICHARD J., US
[71] AMO WAVEFRONT SCIENCES, LLC, US
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[54] **REPOSITIONING METHOD OF INPUT DEVICE FOR ROBOTIC SURGICAL SYSTEM**
[54] **PROCEDE DE REPOSITIONNEMENT DE DISPOSITIF D'ENTREE POUR SYSTEME CHIRURGICAL ROBOTIQUE**
[72] PEINE, WILLIAM, US
[71] COVIDIEN LP, US
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[54] **OUTIL DE COUPE**
[72] KORF, JOSHUA MATTHEW, US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[25] EN
[54] **TOOL STAND WITH AUTOMATICALLY DEPLOYABLE LEGS**
[54] **SUPPORT D'OUTIL DOTE DE PIEDS DEPLOYABLES AUTOMATIQUEMENT**
[72] URSELL, MIKE, US
[72] URSELL, CONNOR, US
[72] CROSS, MARK, US
[72] URSELL, SAM, US
[72] NEILSON, KEN, US
[71] AFFINITY TOOL WORKS, LLC, US
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[25] EN
[54] **DRIVE SYSTEM FOR A VEHICLE DRIVEABLE DIRECTLY BY MUSCLE FORCE, METHOD FOR CHANGING A ROLLER OF SUCH A DRIVE SYSTEM AND PRODUCTION METHOD**
[54] **SYSTEME D'ENTRAINEMENT POUR UN VEHICULE A ENTRAINEMENT DIRECT PAR LA FORCE MUSCULAIRE, PROCEDE POUR CHANGER UN GALET D'UN TEL SYSTEME D'ENTRAINEMENT ET PROCEDE DE FABRICATION**
[72] GREEN, KILIAN, DE
[71] MELLOW BOARDS GMBH, DE
[85] 2017-08-04
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[54] **ELEMENT DE LIAISON POUR REALISER UNE LIAISON PAR SOUDURE PAR FRICTION**
[72] WERKMEISTER, MARCO, DE
[72] MAIWALD, MARIO, DE
[72] DUBIEL, GERHARD, DE
[72] SPINDLER, DANIEL, DE
[72] MIELISCH, MARCO, DE
[71] EJOT GMBH & CO. KG, DE
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[25] FR
[54] **ALLERGEN EXPOSURE SYSTEM COMPRISING A CHAMBER FOR MIXING AIR AND ALLERGENS, WHICH IS SEPARATED FROM THE EXPOSURE ROOM THAT ACCOMMODATES THE PATIENTS**
[54] **SYSTEME D'EXPOSITION AUX ALLERGENES COMPRENANT UNE CHAMBRE DE MELANGE ENTRE L'AIR ET LES ALLERGENES, SEPAREE DE LA SALLE D'EXPOSITION ACCUEILLANT LES PATIENTS**
[72] SANTAILLER, GERARD, FR
[71] ALYATEC, FR
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[25] FR
[54] **TURBINE ENGINE AIR GUIDE ASSEMBLY WITH IMPROVED AERODYNAMIC PERFORMANCE**
[54] **ENSEMBLE DE REDRESSEMENT D'AIR DE TURBOMACHINE A PERFORMANCES AERODYNAMIQUES AMELIOREES**
[72] DAMEVIN, HENRI-MARIE, FR
[72] FESSOU, PHILIPPE JACQUES PIERRE, FR
[72] MANIERE, VIANNEY CHRISTOPHE MARIE, FR
[72] SCHVALLINGER, MICHAEL FRANCK ANTOINE, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
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[54] **APPARATUS AND METHOD FOR ENERGY STORAGE**
[54] **DISPOSITIF ET PROCEDE DE STOCKAGE D'ENERGIE**
[72] HUTCHINGS, ADRIAN CHARLES, GB
[71] FUTUREBAY LIMITED, GB
[85] 2017-08-04
[86] 2016-02-11 (PCT/GB2016/050327)
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[25] EN
[54] **OPHTHALMIC VISUALIZATION DEVICES, SYSTEMS, AND METHODS**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES DE VISUALISATION OPHTALMIQUE**
[72] SMITH, RONALD T., US
[72] YU, LINGFENG, US
[72] PAPAC, MICHAEL, US
[72] OLIVERA, ARGELIO MICHAEL, US
[72] CHARLES, STEVEN T., US
[71] NOVARTIS AG, CH
[85] 2017-08-04
[86] 2016-04-28 (PCT/IB2016/052420)
[87] (WO2016/174613)
[30] US (62/155,181) 2015-04-30
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[25] EN
[54] **COMPOSITE BRIDGE DECK AND BRIDGE CONSTRUCTION**
[54] **TABLIER DE PONT COMPOSITE ET CONSTRUCTION DE PONT**
[72] PEETERS, JOHANNES HENDRICUS ALPHONSUS, NL
[71] FIBERCORE IP B.V., NL
[85] 2017-08-04
[86] 2016-02-22 (PCT/NL2016/050126)
[87] (WO2016/137318)
[30] NL (2014337) 2015-02-23

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[25] EN
[54] **SPINDLE SYSTEM FOR WHEEL ALIGNMENT CORRECTION**
[54] **SYSTEME DE BROCHE POUR ROUE DE CORRECTION D'ALIGNEMENT**
[72] MERRILL, ZACHARY ALEXANDER, US
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[71] MICHELIN RECHERCHE ET TECNIQUE S.A., CH
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[25] EN
[54] **A FAN ASSEMBLY**
[54] **ENSEMBLE VENTILATEUR**
[72] JOHNSON, JACK, GB
[72] PEET, STEVEN EDUARD, GB
[72] HODGSON, CHRISTOPHER STEVEN, GB
[72] GARNER, LEANNE JOYCE, GB
[72] BATES, ADAM JAMES, GB
[72] HUNT, WILLIAM RICHARD, GB
[71] DYSON TECHNOLOGY LIMITED, GB
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[25] EN
[54] **A FAN ASSEMBLY**
[54] **ENSEMBLE VENTILATEUR**
[72] STEWART, NEIL ANDREW, GB
[72] PEET, STEVEN EDUARD, GB
[71] DYSON TECHNOLOGY LIMITED, GB
[85] 2017-08-08
[86] 2016-02-10 (PCT/GB2016/050305)
[87] (WO2016/128735)
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[51] **Int.Cl. B62D 37/00 (2006.01) B62D 35/00 (2006.01) B62D 37/02 (2006.01)**
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[54] **METHOD AND SYSTEM FOR REDUCING DRAG IN A VEHICLE**
[54] **PROCEDE ET SYSTEME PERMETTANT DE REDUIRE LA TRAINEE D'UN VEHICULE**
[72] ELOGAB, OSAMA, GB
[72] ELOGAB, HATEM, GB
[71] ELOGAB, OSAMA, GB
[85] 2017-08-08
[86] 2016-03-02 (PCT/GB2016/050549)
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[51] **Int.Cl. F04D 29/70 (2006.01) F04D 25/08 (2006.01) F04D 25/10 (2006.01) F04D 29/62 (2006.01) F04D 29/64 (2006.01) F04F 5/16 (2006.01) F04F 5/44 (2006.01)**
[25] EN
[54] **A FAN ASSEMBLY**
[54] **ENSEMBLE VENTILATEUR**
[72] KING, JASON RYAN, GB
[72] PEET, STEVEN EDUARD, GB
[71] DYSON TECHNOLOGY LIMITED, GB
[85] 2017-08-08
[86] 2016-02-10 (PCT/GB2016/050304)
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[30] GB (1502474.8) 2015-02-13

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[51] **Int.Cl. E21B 33/13 (2006.01) C09K 8/42 (2006.01) E21B 33/12 (2006.01) E21B 33/138 (2006.01)**
[25] EN
[54] **CEMENTING METHODS AND SYSTEMS EMPLOYING A SMART PLUG**
[54] **PROCEDES ET SYSTEMES DE CIMENTATION EMPLOYANT UN BOUCHON INTELLIGENT**
[72] GUPTA, VIJAY, US
[72] ROBERSON, MARK, US
[72] MYERS, DAVID F., US
[72] DAVIS, JAMES LYNN, US
[72] DAUSCH, DAVID, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[86] 2015-03-17 (PCT/US2015/020995)
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[51] **Int.Cl. C07C 51/16 (2006.01) C08F 20/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND PROCESSES FOR POLYACRYLIC ACID PRODUCTION**
[54] **SYSTEMES ET PROCEDES DE PRODUCTION D'ACIDE POLYACRYLIQUE**
[72] SOOKRAJ, SADESH H., US
[71] NOVOMER, INC., US
[85] 2017-08-08
[86] 2016-02-12 (PCT/US2016/017844)
[87] (WO2016/130977)
[30] US (62/116,229) 2015-02-13

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[25] EN
[54] **FACILITATING CASH PAYMENT FOR TRANSIT MOBILE APPLICATIONS**
[54] **FACILITATION DE PAIEMENT EN ESPECES POUR DES APPLICATIONS MOBILES DE TRANSIT**
[72] DEKOZAN, DAVID L., US
[72] BLUE, DAVID, US
[72] SHREVE, KENNETH, US
[71] CUBIC CORPORATION, US
[85] 2017-08-08
[86] 2016-03-02 (PCT/US2016/020460)
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[54] **MEDIA SEPARATION DEVICE**
[54] **DISPOSITIF DE SEPARATION DE MILIEU**
[72] HOLTZ, RAYMOND, US
[72] CHO, DAVID, US
[72] MIZUCHI, KATHRYN, US
[71] MEDELA HOLDING AG, CH
[85] 2017-08-09
[86] 2016-02-10 (PCT/IB2016/000214)
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[54] **SPATIAL STRUCTURE**
[54] **STRUCTURE TRIDIMENSIONNELLE**
[72] HERREZUELO DE LA SIERRA, EDUARDO, ES
[72] MOLINA VALDERRAMA, JUAN, PABLO, ES
[71] HERREZUELO DE LA SIERRA, EDUARDO, ES
[71] MOLINA VALDERRAMA, JUAN, PABLO, ES
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[25] EN
[54] **ASYNCHRONOUS TENDERING FOR VARIABLE CHARACTERISTIC ASSETS**
[54] **SOUMISSION ASYNCHRONE POUR DES ACTIFS A CARACTERISTIQUE VARIABLE**
[72] WHITTEN, WILLIAM DAVID, US
[71] THE NORDAM GROUP, INC., US
[85] 2017-08-09
[86] 2016-02-04 (PCT/US2016/016634)
[87] (WO2016/130405)
[30] US (62/114,351) 2015-02-10
[30] US (14/748,070) 2015-06-23

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[25] EN
[54] **WELLBORE ISOLATION DEVICES AND METHODS OF USE**
[54] **DISPOSITIFS D'ISOLATION DE PUITS DE FORAGE ET PROCEDES D'UTILISATION**
[72] STAIR, TODD ANTHONY, US
[72] MAKOWIECKI, GARY JOE, US
[72] EZELL, MICHAEL DALE, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-08-09
[86] 2015-03-19 (PCT/US2015/021479)
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[51] **Int.Cl. F16H 15/52 (2006.01) F16H 57/029 (2012.01) F16H 15/50 (2006.01)**
[25] EN
[54] **HYDRAULIC RACE SHIFTER FOR A CONTINUOUSLY VARIABLE TRANSMISSION DEVICE**
[54] **CHANGEUR HYDRAULIQUE DE BAGUE POUR DISPOSITIF DE TRANSMISSION VARIABLE EN CONTINU**
[72] KLIEWER, JOSEPH D., US
[72] KOEROGHLIAN, MARK M., US
[71] ORBITAL TRACTION, LTD., US
[85] 2017-08-09
[86] 2016-02-10 (PCT/US2016/017222)
[87] (WO2016/130601)
[30] US (14/619,990) 2015-02-11

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[13] A1
[51] **Int.Cl. F16H 57/12 (2006.01) F16H 15/50 (2006.01) F16H 15/52 (2006.01)**
[25] EN
[54] **PRELOAD AND TORSIONAL BACKLASH MANAGEMENT FOR A CONTINUOUSLY VARIABLE TRANSMISSION DEVICE**
[54] **GESTION DE JEU DE TORSION ET DE PRECHARGE POUR UN DISPOSITIF DE TRANSMISSION VARIABLE EN CONTINU**
[72] KLIEWER, JOSEPH D., US
[72] KOEROGHLIAN, MARK M., US
[71] ORBITAL TRACTION, LTD., US
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[86] 2016-02-11 (PCT/US2016/017426)
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[51] **Int.Cl. G06F 21/31 (2013.01) G06F 21/32 (2013.01)**
[25] EN
[54] **METHOD FOR IDENTIFICATION OF USER'S INTERACTION SIGNATURE**
[54] **PROCEDE D'IDENTIFICATION D'UNE SIGNATURE D'INTERACTION D'UN UTILISATEUR**
[72] ARMANDO, MARCO, PL
[71] NEITEC SP. Z O.O., PL
[85] 2017-08-10
[86] 2016-03-15 (PCT/EP2016/055517)
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[51] **Int.Cl. B65B 57/10 (2006.01) B65B 25/14 (2006.01)**
[25] EN
[54] **A PLANT FOR PROCESSING PRODUCTS INCLUDING A UNIT FOR DETECTING DEFECTIVE PRODUCTS**
[54] **INSTALLATION POUR LE TRAITEMENT DE PRODUITS COMPRENANT UNE UNITE DE DETECTION DE PRODUITS DEFECTUEUX**
[72] FRANZAROLI, MASSIMO, IT
[71] PULSAR S.R.L., IT
[85] 2017-08-10
[86] 2016-02-25 (PCT/IB2016/051029)
[87] (WO2016/135662)
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[51] **Int.Cl. A61N 5/10 (2006.01) A61B 5/055 (2006.01) G01R 33/20 (2006.01)**
[25] EN
[54] **PLANNING AND CONTROL FOR MAGNETIC RESONANCE GUIDED RADIATION THERAPY**
[54] **PLANIFICATION ET COMMANDE POUR RADIOTHERAPIE GUIDEE PAR RESONANCE MAGNETIQUE**
[72] DEMPSEY, JAMES, F., US
[72] KAWRYKOW, IWAN, US
[71] VIEWRAY TECHNOLOGIES, INC., US
[85] 2017-08-10
[86] 2016-02-11 (PCT/US2016/017618)
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[25] EN
[54] **MILLING DEVICE**
[54] **DISPOSITIF DE BROYAGE**
[72] RASCHKA, JOACHIM, DE
[72] STEINBERG, JENS, DE
[72] BECHEM, ULRICH, DE
[71] CATERPILLAR GLOBAL MINING EUROPE GMBH, DE
[85] 2017-08-10
[86] 2016-02-12 (PCT/EP2016/000250)
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[54] **IMPROVEMENTS FOR A GAS-POWERED FIXING TOOL**
[54] **AMELIORATIONS CONCERNANT UN OUTIL DE FIXATION ENTRAINE PAR GAZ.**
[72] CORDEIRO, PIERRE, FR
[72] HERELIER, PATRICK, FR
[72] NAYRAC, FREDERIC, FR
[72] RICORDI, CHRISTIAN, FR
[72] VETTORETTI, ALAIN, FR
[71] ILLINOIS TOOL WORKS INC., US
[85] 2017-08-10
[86] 2016-02-29 (PCT/US2016/020000)
[87] (WO2016/144580)
[30] EP (15158537.9) 2015-03-10
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[51] **Int.Cl. E21B 34/14 (2006.01)**
[25] EN
[54] **PRESSURE INSENSITIVE COUNTING TOE SLEEVE**
[54] **MANCHON DE RELEVAGE A COMPTAGE INSENSIBLE A LA PRESSION**
[72] BACSIK, RYAN R., US
[72] BRASSEAUX, JASON J., US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2017-08-10
[86] 2016-02-12 (PCT/US2016/017662)
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[30] US (62/115,807) 2015-02-13

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[13] A1
[51] **Int.Cl. F16D 66/02 (2006.01) F16D 65/18 (2006.01)**
[25] EN
[54] **A BRAKE WITH A REED SWITCH FOR INDICATING AN OPERATING CONDITION OF THE BRAKE**
[54] **FREIN AVEC UN COMMUTATEUR A LAMES POUR INDIQUER UNE CONDITION DE FONCTIONNEMENT DU FREIN**
[72] UFFELMAN, BRADLEY LYN, US
[71] WARNER ELECTRIC TECHNOLOGY LLC, US
[85] 2017-08-11
[86] 2016-02-11 (PCT/US2016/017441)
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[30] US (14/620,355) 2015-02-12

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[13] A1
[51] **Int.Cl. E21B 17/03 (2006.01) E21D 20/00 (2006.01) F16B 21/00 (2006.01)**
[25] EN
[54] **MULTI-FUNCTIONAL CONNECTOR, DRILL HEAD, AND METHOD**
[54] **RACCORD MULTIFONCTIONNEL, TETE DE FORAGE, ET PROCEDE**
[72] GALLER, THOMAS, AT
[72] FELBER, ROBERT, AT
[72] HABERER, CHRISTOPH, AT
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2017-08-14
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[51] **Int.Cl. B60C 9/22 (2006.01) B60C 9/20 (2006.01)**
[25] EN
[54] **CROWN REINFORCEMENT FOR A TYRE FOR A HEAVY-DUTY CIVIL ENGINEERING VEHICLE**
[54] **ARMATURE DE SOMMET DE PNEUMATIQUE POUR VEHICULE LOURD DE TYPE GENIE CIVIL**
[72] DOMINGO, ALAIN, FR
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[85] 2017-08-14
[86] 2016-03-04 (PCT/EP2016/054665)
[87] (WO2016/139348)
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[51] **Int.Cl. A41C 3/00 (2006.01) A41C 3/02 (2006.01) A41C 3/06 (2006.01) A61F 13/14 (2006.01)**
[25] EN
[54] **SUPPORT FOR BODY PORTION**
[54] **SUPPORT POUR PARTIE DU CORPS**
[72] ROMAN, EFRAT, IL
[71] EZBRA ADVANCED WOUND CARE LTD., IL
[71] EZBRA ADVANCED WOUND CARE LTD., IL
[85] 2017-08-14
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[51] **Int.Cl. E21B 44/00 (2006.01) E21B 21/08 (2006.01)**
[25] EN
[54] **AUTOMATIC EVENT DETECTION AND CONTROL WHILE DRILLING IN CLOSED LOOP SYSTEMS**
[54] **DETECTION ET COMMANDE AUTOMATIQUE D'EVENEMENTS EN COURS DE FORAGE DANS DES SYSTEMES EN BOUCLE FERMEE**
[72] GUMUS, FERHAT, US
[72] KINIK, KORAY, US
[72] RING, LEV, US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2017-08-14
[86] 2016-02-23 (PCT/US2016/019023)
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[30] US (14/628,850) 2015-02-23

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[51] **Int.Cl. E21B 33/134 (2006.01) E21B 23/10 (2006.01) E21B 33/136 (2006.01)**
[25] EN
[54] **EXPANDABLE DEVICE FOR FORMING A CEMENT PLUG**
[54] **DISPOSITIF EXTENSIBLE PERMETTANT DE FORMER UN BOUCHON DE CIMENT**
[72] HARESTAD, KRISTIAN, NO
[71] PERIGON AS, NO
[85] 2017-08-15
[86] 2016-02-12 (PCT/EP2016/053044)
[87] (WO2016/131726)
[30] NO (20150226) 2015-02-16

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[51] **Int.Cl. B65C 9/28 (2006.01)**
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[54] **A DEVICE FOR THE LABELLING OF INDIVIDUAL PRODUCTS**
[54] **DISPOSITIF D'ETIQUETAGE DE PRODUITS INDIVIDUELS**
[72] VICKTORIUS, WINFRIED, DE
[72] JUNG, ULRICH, DE
[71] ESPERA-WERKE GMBH, DE
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[86] 2016-02-15 (PCT/EP2016/053144)
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[30] DE (10 2015 106 861.3) 2015-05-04

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[51] **Int.Cl. A63G 31/16 (2006.01) G09B 9/12 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR CONTROLLING A SIMULATOR**
[54] **PROCEDE ET DISPOSITIF POUR LA COMMANDE D'UN SIMULATEUR**
[72] SEEHOF, CARSTEN, DE
[71] DEUTSCHES ZENTRUM FUR LUFT - UND RAUMFAHRT E.V., DE
[85] 2017-08-15
[86] 2016-02-22 (PCT/EP2016/053655)
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[51] **Int.Cl. E21B 47/09 (2012.01) E21B 33/12 (2006.01) E21B 47/12 (2012.01)**
[25] EN
[54] **PLUG TRACKING USING THROUGH-THE-EARTH COMMUNICATION SYSTEM**
[54] **SUIVI D'OBJET A L'AIDE DE SYSTEME DE COMMUNICATION PAR LA TERRE**
[72] BUDLER, NICHOLAS F., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-08-15
[86] 2015-03-31 (PCT/US2015/023659)
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[51] **Int.Cl. A47J 31/32 (2006.01) A47J 31/36 (2006.01) A47J 31/40 (2006.01) A47J 31/44 (2006.01)**
[25] EN
[54] **AUTOMATED COFFEE AND TEA MAKER AND AUTOMATED PRESSURE BREWER**
[54] **MACHINE A CAFE ET A THE AUTOMATIQUE ET INFUSEUR A PRESSION AUTOMATIQUE**
[72] ALMBLAD, ROBERT, US
[71] ALMBLAD, ROBERT, US
[85] 2017-08-17
[86] 2016-02-19 (PCT/US2016/018675)
[87] (WO2016/134255)
[30] US (62/118,032) 2015-02-19

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[13] A1
[51] **Int.Cl. G02B 21/00 (2006.01) G02B 21/06 (2006.01) G02B 21/26 (2006.01) G02B 21/36 (2006.01)**
[25] EN
[54] **FLUORESCENCE BIOPSY SPECIMEN IMAGER AND METHODS**
[54] **IMAGEUR D'ECHANTILLON DE BIOPSIE PAR FLUORESCENCE ET PROCEDES**
[72] WANG, HAN-WEI, US
[71] LI-COR, INC., US
[85] 2017-08-17
[86] 2016-02-22 (PCT/US2016/018972)
[87] (WO2016/137899)
[30] US (62/119,660) 2015-02-23
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[25] EN
[54] **SYSTEM AND METHOD FOR ELECTRONIC PROCESSING OF AGRICULTURAL PRODUCTS**
[54] **SYSTEME ET PROCEDE POUR LE TRAITEMENT ELECTRONIQUE DE PRODUITS AGRICOLES**
[72] BLOUIN, CATHERINE, CA
[72] BROWN, DOUG, CA
[72] JOHNSTONE, CHARLES VERNON, CA
[72] KLASSEN, KEVIN, CA
[72] LAI, RICKY YAT CHIU, CA
[72] LAPRAIRIE, PETER KELLY, CA
[72] PAYNE, COLIN GREGORY, CA
[72] ROBERTSON, URSULA ELAINE, CA
[72] SHRESTHA, MADHAV, CA
[72] TAYLOR, ANDREW, CA
[71] AGRICLEAR LIMITED PARTNERSHIP BY ITS GENERAL PARTNER AGRICLEAR INC., CA
[85] 2017-08-18
[86] 2016-03-04 (PCT/IB2016/051250)
[87] (WO2016/139644)
[30] US (62/128,863) 2015-03-05
[30] US (62/175,820) 2015-06-15

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[51] **Int.Cl. C22C 38/00 (2006.01) B21D 22/20 (2006.01) C21D 1/18 (2006.01) C21D 9/00 (2006.01) C21D 9/46 (2006.01) C22C 38/14 (2006.01) C22C 38/58 (2006.01)**
[25] EN
[54] **STEEL SHEET FOR HOT PRESSING AND METHOD FOR PRODUCING SAME**
[54] **TOLE D'ACIER POUR FORMAGE A CHAUD A LA PRESSE ET SON PROCEDE DE PRODUCTION**
[72] OMORI, HIROYUKI, JP
[72] MIZUTA, NAOKI, JP
[72] ASAI, TATSUYA, JP
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
[85] 2017-08-21
[86] 2016-03-11 (PCT/JP2016/057710)
[87] (WO2016/148045)
[30] JP (2015-054873) 2015-03-18
[30] JP (2015-234099) 2015-11-30

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[51] **Int.Cl. C12N 15/09 (2006.01) C12M 1/00 (2006.01)**
[25] EN
[54] **METHOD FOR COLLECTING NUCLEIC ACID(S)**
[54] **PROCEDE DE COLLECTE D'ACIDE NUCLEIQUE**
[72] SEKIGUCHI, SHOTA, JP
[72] SAWADA, SHINJIRO, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2017-08-21
[86] 2016-03-18 (PCT/JP2016/058658)
[87] (WO2016/152763)
[30] JP (2015-057760) 2015-03-20

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[13] A1
[51] **Int.Cl. C01B 25/45 (2006.01) H01M 4/36 (2006.01) H01M 4/58 (2010.01)**
[25] EN
[54] **LITHIUM MANGANESE PHOSPHATE NANOPARTICLES AND METHOD FOR MANUFACTURING SAME, CARBON-COATED LITHIUM MANGANESE PHOSPHATE NANOPARTICLES, CARBON-COATED LITHIUM MANGANESE PHOSPHATE NANOPARTICLE GRANULATED BODY, AND LITHIUM ION CELL**
[54] **NANOPARTICULES DE PHOSPHATE DE LITHIUM MANGANESE ET PROCEDE POUR LES FABRIQUER, NANOPARTICULES DE PHOSPHATE DE LITHIUM MANGANESE ENROBEES DE CARBONE, CORPS GRANULE EN NANOPARTICULES DE PHOSPHATE DE LITHIUM MANGANESE ENROBEES DE CARBONE, ET PILE A IONS LITHIUM**
[72] TSUJI, HIRONOBU, JP
[72] KUBOTA, YASUO, JP
[72] KAWAMURA, HIROAKI, JP
[72] TAMAKI, EIICHIRO, JP
[72] TABAYASHI, MIYUKI, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2017-08-21
[86] 2016-03-22 (PCT/JP2016/058975)
[87] (WO2016/158566)
[30] JP (2015-072332) 2015-03-31

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[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) G01N 33/50 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **MARKER SYSTEM, IN PARTICULAR FOR BACULOVIRUS-EXPRESSED SUBUNIT ANTIGENS**
[54] **SYSTEME AVEC MARQUEUR, EN PARTICULIER POUR DES ANTIGENES SOUS-UNITE EXPRIMES PAR BACULOVIRUS**
[72] IYER, ARUN V., US
[72] HERMANN, JOSEPH RALPH, US
[72] ROOF, MICHAEL B., US
[72] VAUGHN, ERIC MARTIN, US
[72] SCHAEFFER, MERRILL LYNN, US
[71] BOEHRINGER INGELHEIM VETMEDICA, INC., US
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[51] **Int.Cl. C12N 15/113 (2010.01) C12N 15/09 (2006.01) C12N 15/63 (2006.01)**
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[54] **MATERIALS AND METHODS FOR TREATMENT OF HEMOGLOBINOPATHIES**
[54] **MATERIELS ET METHODES POUR LE TRAITEMENT DES HEMOGLOBINOPATHIES**
[72] PORTEUS, MATTHEW HEBDEN, US
[71] CRISPR THERAPEUTICS AG, CH
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[51] **Int.Cl. C08F 297/04 (2006.01) C08C 19/02 (2006.01) C08L 23/10 (2006.01) C08L 53/02 (2006.01)**
[25] EN
[54] **HYDROGENATED BLOCK COPOLYMER, RESIN COMPOSITION, PRESSURE-SENSITIVE ADHESIVE, ADHESIVE, MOLDED OBJECT, LIQUID-PACKAGING CONTAINER, MEDICAL TOOL, MEDICAL TUBE, CORNER MEMBER FOR WEATHER SEAL, AND WEATHER SEAL**
[54] **COPOLYMERE SEQUENCE HYDROGENE, COMPOSITION DE RESINE, ADHESIF SENSIBLE A LA PRESSION, ADHESIF, OBJET MOULE, RECIPIENT D'EMBALLAGE DE LIQUIDE, OUTIL MEDICAL, SONDE MEDICALE, ELEMENT D'ANGLE POUR JOINT D'ETANCHEITE, ET JOINT D'ETANCHEITE**
[72] OSHITA, SHINYA, JP
[72] NOJIMA, YUSUKE, JP
[72] MASUDA, MIKIO, JP
[71] KURARAY CO., LTD., JP
[85] 2017-08-22
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[25] EN
[54] **COMPOSITIONS AND METHODS TO CONTROL INSECT PESTS**
[54] **COMPOSITIONS ET PROCEDES DE LUTTE CONTRE DES INSECTES NUISIBLES**
[72] HU, XU, US
[72] NIU, XIPING, US
[72] PRESNAIL, JAMES KEVIN, US
[72] RICHTMAN, NINA, US
[72] ZHAO, JOE, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2017-08-11
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[25] EN
[54] **DYNAMIC HIGH-SPEED HIGH-SENSITIVITY IMAGING DEVICE AND IMAGING METHOD**
[54] **DISPOSITIF D'IMAGERIE DYNAMIQUE HAUTE VITESSE ET HAUTE SENSIBILITE ET PROCEDE D'IMAGERIE**
[72] OTA, SADAO, JP
[72] HORISAKI, RYOICHI, JP
[72] HASHIMOTO, KAZUKI, JP
[71] THE UNIVERSITY OF TOKYO, JP
[71] OSAKA UNIVERSITY, JP
[85] 2017-08-22
[86] 2016-02-24 (PCT/JP2016/055412)
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[25] EN
[54] **ANTIBODY-MEDIATED NEUTRALIZATION OF MARBURG VIRUS**
[54] **NEUTRALISATION A MEDIATION ANTICORPS DU VIRUS DE MARBURG**
[72] CROWE, JAMES E., US
[72] FLYAK, ANDREW I., US
[72] BUKREYEV, ALEXANDER, US
[72] ILINYKH, PHILIPP, US
[71] VANDERBILT UNIVERSITY, US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
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[30] US (62/120,657) 2015-02-25

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[51] **Int.Cl. G06F 17/00 (2006.01) G06F 21/55 (2013.01) G06F 21/00 (2013.01)**
[25] EN
[54] **TRUSTED THIRD PARTY BROKER FOR COLLECTION AND PRIVATE SHARING OF SUCCESSFUL COMPUTER SECURITY PRACTICES**
[54] **COURTIER TIERS DE CONFIANCE DE COLLECTE ET DE PARTAGE PRIVE DE PRATIQUES DE SECURITE INFORMATIQUE REUSSIES**
[72] EFSTATHOPOULOS, PETROS, US
[71] SYMANTEC CORPORATION, US
[85] 2017-08-22
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[51] **Int.Cl. A61K 35/12 (2015.01) A61K 35/14 (2015.01) A61K 38/00 (2006.01)**
[25] EN
[54] **ANTI-DLL3 CHIMERIC ANTIGEN RECEPTORS AND METHODS OF USE**
[54] **RECEPTEURS ANTIGENIQUES CHIMERIQUES ANTI-DLL3 ET PROCEDES D'UTILISATION DESDITS RECEPTEURS**
[72] ESCARPE, PAUL ANTHONY, US
[72] DYLLA, SCOTT J., US
[72] LIU, DAVID, US
[72] STULL, ROBERT A., US
[71] ABBVIE STEMCENTRX LLC, US
[85] 2017-08-22
[86] 2016-02-23 (PCT/US2016/019192)
[87] (WO2016/138038)
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[54] **TUBE RACK TOOL**
[54] **OUTIL DE PORTOIR DE TUBES**
[72] TAYLOR, LOGAN M., US
[72] ABBOTT, RICHARD DAVID, US
[71] BIOFIRE DEFENSE, LLC, US
[85] 2017-08-22
[86] 2016-02-11 (PCT/US2016/017620)
[87] (WO2016/137756)
[30] US (14/998,015) 2015-02-24

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[51] **Int.Cl. A61N 1/36 (2006.01) A61N 1/05 (2006.01)**
[25] EN
[54] **NEUROMODULATION DEVICE**
[54] **DISPOSITIF DE NEUROMODULATION**
[72] CANNING, BRENDAN J., US
[72] CARR, MICHAEL JOHN, US
[72] KOLLARIK, MARIAN, US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[71] GALVANI BIOELECTRONICS LIMITED, GB
[85] 2017-08-22
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[51] **Int.Cl. C12N 5/074 (2010.01) C12N 5/10 (2006.01)**
[25] EN
[54] **REPROGRAMMING PROGENITOR COMPOSITIONS AND METHODS OF USE THEREFORE**
[54] **COMPOSITIONS PROGENITRICES DE REPROGRAMMATION ET LEURS PROCEDES D'UTILISATION**
[72] EVANS, RONALD, US
[72] DOWNES, MICHAEL, US
[72] KIDA, YASUYUKI S., US
[72] KAWAMURA, TERUHISA, US
[72] WEI, ZONG, US
[72] YU, RUTH T., US
[72] ATKINS, ANNETTE R., US
[71] SALK INSTITUTE FOR BIOLOGICAL STUDIES, US
[85] 2017-08-22
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[51] **Int.Cl. A61K 31/17 (2006.01) A61K 31/33 (2006.01) A61K 31/395 (2006.01)**
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[54] **INHIBITION OF OLIG2 ACTIVITY**
[54] **INHIBITION DE L'ACTIVITE D'OLIG2**
[72] BEATON, GRAHAM, US
[72] TUCCI, FABIO C., US
[72] RAVULA, SATHEESH B., US
[72] MCHARDY, STANTON F., US
[72] RUIZ, FRANCISCO XAVIER, III, US
[72] LOPEZ, AMBROSIO, JR., US
[72] CAMPOS, BISMARCK, US
[72] WANG, HUA-YU LEO, US
[71] CURTANA PHARMACEUTICALS, INC., US
[85] 2017-08-22
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[87] (WO2016/138479)
[30] US (62/126,382) 2015-02-27

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[25] EN
[54] **PROTECTIVE CASE FOR PORTABLE ELECTRONIC DEVICE**
[54] **ETUI DE PROTECTION POUR DISPOSITIF ELECTRONIQUE PORTABLE**
[72] DINING, ELIZABETH JOY, US
[72] CONRAD, ZACHARY, US
[72] BROWN, CAMERON JAMES, US
[72] KERBS, JEREMY, US
[72] WATT, ERIN JOY, US
[71] CRADL, LTD., US
[85] 2017-08-22
[86] 2016-02-24 (PCT/US2016/019364)
[87] (WO2016/138134)
[30] US (14/632,927) 2015-02-26
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[13] A1
[51] **Int.Cl. C12N 15/63 (2006.01) C12N 5/074 (2010.01) C12N 15/85 (2006.01)**
[25] EN
[54] **METHODS FOR PRODUCING MODIFIED RED BLOOD CELL COMPOSITIONS, COMPOSITIONS AND USES THEREOF**
[54] **PROCEDES POUR LA PRODUCTION DE COMPOSITIONS DE GLOBULES ROUGES MODIFIES, COMPOSITIONS ET LEURS UTILISATIONS**
[72] LOH, JEFFREY THOMAS, US
[71] LOH, JEFFREY THOMAS, US
[85] 2017-08-22
[86] 2016-03-29 (PCT/US2016/024805)
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[51] **Int.Cl. A61K 35/16 (2015.01) C12N 5/078 (2010.01)**
[25] EN
[54] **METHODS FOR IN VITRO PRODUCTION OF PLATELETS AND COMPOSITIONS AND USES THEREOF**
[54] **PROCEDES POUR LA PRODUCTION IN VITRO DE PLAQUETTES ET COMPOSITIONS ET UTILISATIONS CORRESPONDANTES**
[72] LOH, JEFFREY THOMAS, US
[71] LOH, JEFFREY THOMAS, US
[85] 2017-08-22
[86] 2016-03-29 (PCT/US2016/024808)
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[30] US (62/139,931) 2015-03-30

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[51] **Int.Cl. A61K 48/00 (2006.01) C12N 15/113 (2010.01) C07F 9/6558 (2006.01)**
[25] EN
[54] **ANTISENSE-INDUCED EXON2 INCLUSION IN ACID ALPHA-GLUCOSIDASE**
[54] **INCLUSION DE L'EXON 2, INDUITE PAR ANTISENS, DANS UNE ALPHA-GLUCOSIDASE ACIDE**
[72] WILTON, STEPHEN DONALD, AU
[72] FLETCHER, SUE, AU
[72] HANSON, GUNNAR JAMES, US
[72] BESTWICK, RICHARD KEITH, US
[72] SCHNELL, FREDERICK J., US
[71] SAREPTA THERAPEUTICS, INC., US
[71] MURDOCH UNIVERSITY, AU
[85] 2017-08-22
[86] 2016-02-29 (PCT/US2016/020127)
[87] (WO2016/138534)
[30] US (62/126,346) 2015-02-27
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[51] **Int.Cl. A61M 5/14 (2006.01) A61M 5/142 (2006.01) A61M 5/172 (2006.01)**
[25] EN
[54] **INFUSION SYSTEM, DEVICE, AND METHOD HAVING ADVANCED INFUSION FEATURES**
[54] **SYSTEME, DISPOSITIF ET PROCEDE DE PERFUSION AYANT DES CARACTERISTIQUES DE PERFUSION PERFECTIONNEES**
[72] DAY, WILLIAM KENNETH, US
[72] SCHMIDT, JUSTIN JOSEPH, US
[72] LINDO, STEVE JOSEPH, US
[72] FORYT, PAUL JOHN, US
[71] ICU MEDICAL, INC., US
[85] 2017-08-22
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[87] (WO2016/141012)
[30] US (62/127,076) 2015-03-02
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[51] **Int.Cl. G01N 33/68 (2006.01) C07K 14/705 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **PD-L2 BIOMARKERS PREDICTIVE OF PD-1 PATHWAY INHIBITOR RESPONSES IN ESOPHAGOGASTRIC CANCERS**
[54] **BIOMARQUEURS PD-L2 PREDICTIFS DE REPONSES D'INHIBITEURS DE LA VOIE PD-1 DANS LES CANCERS OESOPHAGOGASTRIQUES**
[72] BASS, ADAM, US
[72] DERKS, SARAH, US
[72] FREEMAN, GORDON J., US
[72] RODIG, SCOTT J., US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2017-08-22
[86] 2016-03-03 (PCT/US2016/020589)
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[51] **Int.Cl. C07D 265/14 (2006.01) C07D 265/16 (2006.01) C08G 73/06 (2006.01)**
[25] EN
[54] **BENZOXAZINE LOW TEMPERATURE CURABLE COMPOSITION**
[54] **COMPOSITION DE BENZOXAZINE DURCISSABLE A BASSE TEMPERATURE**
[72] WANG, DONG, US
[72] RECHICHAR, BRADLEY, US
[72] KINCAID, DEREK S., US
[72] SMITH, RONALD C., US
[71] HUNTSMAN ADVANCED MATERIALS AMERICAS LLC, US
[85] 2017-08-22
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[30] US (62/127,866) 2015-03-04

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[51] **Int.Cl. A61F 2/24 (2006.01) A61M 25/01 (2006.01)**
[25] EN
[54] **STEERABLE DELIVERY SYSTEM FOR REPLACEMENT MITRAL VALVE AND METHODS OF USE**
[54] **SYSTEME DE POSE MANIABLE POUR VALVULE MITRALE DE REMPLACEMENT ET PROCEDES D'UTILISATION**
[72] COOPER, ALEXANDER H., US
[72] LANDON, DAVID ROBERT, US
[72] SANCHEZ, JULIO CESAR, US
[72] RABITO, GLEN T., US
[72] RATZ, BRENT J., US
[72] QUADRI, ARSHAD, US
[72] STEWART, KEVIN M., US
[72] CHOW, PATRICK, US
[71] EDWARDS LIFESCIENCES CARDIAQ LLC, US
[85] 2017-08-22
[86] 2016-08-26 (PCT/US2016/048957)
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[30] US (62/211,574) 2015-08-28
[30] US (62/349,326) 2016-06-13
[30] US (15/245,669) 2016-08-24

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[51] **Int.Cl. A61K 9/22 (2006.01)**
[25] EN
[54] **TRIPULSE RELEASE STIMULANT FORMULATIONS**
[54] **FORMULATIONS DE STIMULANT DE LIBERATION A TROIS IMPULSIONS**
[72] BRAMS, MATTHEW, US
[72] SILVA, RAUL, US
[72] STRAUGHN, ARTHUR, US
[71] CINGULATE THERAPEUTICS LLC, US
[85] 2017-08-22
[86] 2016-02-26 (PCT/US2016/019877)
[87] (WO2016/138440)
[30] US (62/121,537) 2015-02-27

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[51] **Int.Cl. G01N 33/574 (2006.01) A61K 35/15 (2015.01) A61K 38/07 (2006.01) A61K 39/395 (2006.01)**
[25] EN
[54] **ANTI-LILRB ANTIBODIES AND THEIR USE IN DETECTING AND TREATING CANCER**
[54] **ANTICORPS ANTI-LILRB ET LEUR UTILISATION POUR DETECTER ET TRAITER UN CANCER**
[72] ZHANG, CHENGCHENG, US
[72] DENG, MI, US
[72] AN, ZHIQIANG, US
[72] XIONG, WEI, US
[72] ZHANG, NINGYAN, US
[72] ZHENG, JUNKE, CN
[72] GUI, XUN, US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2017-08-22
[86] 2016-03-04 (PCT/US2016/020838)
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[30] US (62/129,572) 2015-03-06

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[13] A1
[51] **Int.Cl. G07F 5/22 (2006.01) G06F 21/44 (2013.01) H04Q 5/00 (2006.01)**
[25] EN
[54] **SECURITY SYSTEM FOR CASH HANDLING MACHINE**
[54] **SYSTEME DE SECURITE POUR MACHINE DE MANIPULATION D'ESPECES**
[72] CRONIN, SHAUN, AU
[71] SEC ENG SYSTEMS PTY LTD, AU
[85] 2017-08-23
[86] 2016-02-24 (PCT/AU2016/050124)
[87] (WO2016/134421)
[30] AU (2015100234) 2015-02-27

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[51] **Int.Cl. A61B 17/43 (2006.01) C12N 5/075 (2010.01) A61B 17/425 (2006.01) C12N 5/02 (2006.01)**
[25] EN
[54] **GENERATION AND SELECTION OF EMBRYOS IN VITRO**
[54] **PRODUCTION ET SELECTION D'EMBRYONS IN VITRO**
[72] CHAPMAN, KEVIN, US
[72] KURZ, VOLKER, US
[72] RADEL, PEGGY, US
[72] YONEHIRO, GRANT, US
[71] BERKELEY LIGHTS, INC., US
[85] 2017-08-22
[86] 2016-03-04 (PCT/US2016/021017)
[87] (WO2016/141343)
[30] US (62/128,458) 2015-03-04
[30] US (15/061,295) 2016-03-04

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[51] **Int.Cl. A61C 13/00 (2006.01) A61B 90/98 (2016.01) A61B 5/00 (2006.01) A61C 8/00 (2006.01) G06F 19/00 (2011.01) G06K 7/10 (2006.01) G06K 19/07 (2006.01)**
[25] EN
[54] **DENTAL IMPLANT IDENTIFICATION SYSTEM**
[54] **SYSTEME D'IDENTIFICATION D'UN PLAN DENTAIRE**
[72] BRADLEY, PETER, AU
[72] KARLSSON, MAGNUS, SE
[72] CHRISIS, ANTHONY, AU
[72] YANNOPOULOS, STAN, AU
[72] COUNSEL, MICHAEL, AU
[71] UNIVERSAL IMPLANT TECHNOLOGIES PTY LIMITED, AU
[85] 2017-08-23
[86] 2016-02-23 (PCT/AU2016/000055)
[87] (WO2016/134405)
[30] AU (2015900637) 2015-02-23

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[51] **Int.Cl. C40B 20/00 (2006.01) G06F 19/22 (2011.01) C12Q 1/68 (2006.01) C40B 30/02 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR MULTIPLE TAXONOMIC CLASSIFICATION**
[54] **PROCEDES ET SYSTEMES POUR UNE CLASSIFICATION TAXINOMIQUE MULTIPLE**
[72] FLYGARE, STEVEN, US
[72] SIMMON, KEITH, US
[72] MILLER, CHASE, US
[72] QIAO, YI, US
[72] EILBECK, KAREN, US
[72] MARTH, GABOR, US
[72] YANDELL, MARK, US
[72] SCHLABERG, ROBERT, US
[72] OSBORNE, EDWARD J., US
[71] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US
[85] 2017-08-22
[86] 2016-04-22 (PCT/US2016/029067)
[87] (WO2016/172643)
[30] US (62/152,782) 2015-04-24

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[51] **Int.Cl. C01F 7/42 (2006.01) C01F 7/00 (2006.01) C01F 7/02 (2006.01) C01F 7/30 (2006.01)**
[25] EN
[54] **PROCESS FOR MAKING HIGH-PURITY ALUMINUM OXIDE**
[54] **PROCEDE DE FABRICATION D'OXYDE D'ALUMINIUM DE PURETE ELEVEE**
[72] NICHOL, SCOTT, CA
[72] SMITH, DANIEL, CA
[71] POLAR SAPPHIRE LTD., CA
[85] 2017-08-23
[86] 2016-02-12 (PCT/CA2016/050131)
[87] (WO2016/134455)
[30] US (62/119,402) 2015-02-23

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[13] A1
[51] **Int.Cl. G06Q 40/04 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR OBTAINING AND EXECUTING COMPUTER CODE SPECIFIED BY CODE ORDERS IN AN ELECTRONIC TRADING VENUE**
[54] **SYSTEMES ET PROCEDES D'OBTENTION ET D'EXECUTION DE CODE INFORMATIQUE SPECIFIE PAR DES ORDRES DE CODE DANS UN LIEU DE TRANSACTION ELECTRONIQUE**
[72] MELTON, HAYDEN PAUL, US
[71] THOMSON REUTERS GLOBAL RESOURCES UNLIMITED COMPANY, CH
[85] 2017-08-22
[86] 2016-03-08 (PCT/US2016/021378)
[87] (WO2016/144961)
[30] US (62/130,060) 2015-03-09

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[51] **Int.Cl. B60N 2/44 (2006.01) A47C 7/18 (2006.01) B60N 2/62 (2006.01) B60N 2/66 (2006.01)**
[25] EN
[54] **VEHICULAR SEAT ELEMENT**
[54] **ELEMENT DE SIEGE DE VEHICULE**
[72] STANCIU, ROMEO, CA
[72] BECKE, LAWRENCE STEPHEN, CA
[72] WEIERSTALL, MARK DONALD, US
[71] PROPRIETECT L.P., CA
[85] 2017-08-23
[86] 2016-02-26 (PCT/CA2016/050199)
[87] (WO2016/134479)
[30] US (62/121,687) 2015-02-27

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[13] A1
[51] **Int.Cl. G01V 3/165 (2006.01) B64D 3/00 (2006.01)**
[25] EN
[54] **ELECTROMAGNETIC SURVEY SYSTEM HAVING TOW ASSEMBLY WITH ATTITUDE ADJUSTMENT**
[54] **SYSTEME DE RELEVE ELECTROMAGNETIQUE AYANT UN ENSEMBLE DE REMORQUAGE A REGLAGE DE L'ORIENTATION**
[72] MORRISON, EDWARD BEVERLY, CA
[72] RAZ, RYAN, CA
[71] GEOTECH LTD., CA
[85] 2017-08-23
[86] 2016-02-26 (PCT/CA2016/050206)
[87] (WO2016/134483)
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[30] US (62/133,150) 2015-03-13

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[51] **Int.Cl. A41D 11/00 (2006.01) A41D 27/00 (2006.01) A44B 19/00 (2006.01)**
[25] EN
[54] **INFANT GARMENT WITH INDEPENDENT ZIPPERS**
[54] **VETEMENT POUR NOURRISSON AYANT DES FERMETURES A GLISSIERE INDEPENDANTES**
[72] MORTIMER, NICOLE ALLISON, CA
[71] LAIFA DESIGNS INTERNATIONAL INC., CA
[85] 2017-08-23
[86] 2016-02-24 (PCT/CA2016/050183)
[87] (WO2016/134467)
[30] US (62/121,482) 2015-02-26

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[51] **Int.Cl. C07D 493/22 (2006.01) A61K 31/343 (2006.01) A61K 31/365 (2006.01) A61K 31/585 (2006.01) A61P 35/00 (2006.01) C07D 303/00 (2006.01) C07D 307/00 (2006.01)**
[25] EN
[54] **C14-HYDROXYL ESTERIFIED AMINO ACID DERIVATIVES OF TRIPTOLIDE, AND PREPARATION METHOD AND USE THEREOF**
[54] **DERIVES D'ACIDES AMINES ESTERIFIES A FONCTION C14-HYDROXYLE DE TRIPTOLIDE, PROCEDE POUR LEUR PREPARATION ET UTILISATION CORRESPONDANTE**
[72] XU, RONGZHEN, CN
[72] JIANG, HONGJIAN, CN
[71] HANGZHOU WEBEN PHARMACEUTICALS INC, CN
[85] 2017-08-23
[86] 2015-10-29 (PCT/CN2015/093161)
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[51] **Int.Cl. C07K 19/00 (2006.01) A61K 39/09 (2006.01) A61P 31/04 (2006.01) A61P 37/04 (2006.01) C07K 9/00 (2006.01) C07K 14/195 (2006.01) C12N 9/10 (2006.01) C12P 21/02 (2006.01)**
[25] EN
[54] **ACINETOBACTER O-OLIGOSACCHARYLTRANSFERASES AND USES THEREOF**
[54] **O-OLIGOSACCHARYLTRANSFERASE D'ACINETOBACTER ET SES UTILISATIONS**
[72] FELDMAN, MARIO, US
[72] NASR, MOHAMED ADEL, CA
[71] VAXNEWMO LLC, US
[85] 2017-08-23
[86] 2016-02-26 (PCT/CA2016/050208)
[87] (WO2016/134485)
[30] US (62/121,439) 2015-02-26

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[13] A1
[51] **Int.Cl. C07K 14/00 (2006.01) A61K 38/16 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **USE OF SHORT SYNTHETIC PEPTIDE FOR THE TREATMENT AND/OR PROPHYLAXIS OF DRY EYE DISEASE**
[54] **UTILISATION D'UN PEPTIDE SYNTHETIQUE COURT POUR LE TRAITEMENT ET/OU LA PROPHYLAXIE DU SYNDROME DE L'□IL SEC**
[72] HO, TSUNG-CHUAN, CN
[72] TSAO, YEOU-PING, CN
[71] HO, TSUNG-CHUAN, TW
[71] TSAO, YEOU-PING, TW
[85] 2017-08-23
[86] 2015-02-25 (PCT/CN2015/073257)
[87] (WO2016/134498)

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[51] **Int.Cl. B60P 1/00 (2006.01) B65G 65/02 (2006.01) B65G 67/00 (2006.01)**
[25] EN
[54] **LOADING/UNLOADING DEVICE FOR A DELIVERY VEHICLE**
[54] **DISPOSITIF DE CHARGEMENT/DECHARGEMENT POUR UN VEHICULE DE LIVRAISON**
[72] PRESBY, DAVID WILLIAM, US
[71] PRESBY PATENT TRUST, US
[85] 2017-08-22
[86] 2016-03-10 (PCT/US2016/021745)
[87] (WO2016/145178)
[30] US (62/130,752) 2015-03-10

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[25] EN
[54] **HIGH POWER DENSITY AND EFFICIENCY EPITROCHOIDAL ROTARY ENGINE**
[54] **MOTEUR ROTATIF EPITROCHOIDE A RENDEMENT ET DENSITE DE PUISSANCE ELEVES**
[72] SHKOLNIK, ALEXANDER, US
[72] SHKOLNIK, NIKOLAY, US
[72] NICKERSON, MARK, US
[72] LITTERA, DANIELE, US
[72] KOPACHE, ALEXANDER, US
[72] BECKER, KYLE, US
[71] LIQUIDPISTON, INC., US
[85] 2017-08-22
[86] 2016-03-10 (PCT/US2016/021861)
[87] (WO2016/145247)
[30] US (62/130,956) 2015-03-10
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[25] EN
[54] **SCREWING DEVICE AND SCREW**
[54] **DISPOSITIF DE VISSAGE ET VIS**
[72] FOSER, THOMAS, LI
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2017-08-23
[86] 2016-02-24 (PCT/EP2016/053847)
[87] (WO2016/139095)
[30] EP (15157172.6) 2015-03-02
[30] EP (15192985.8) 2015-11-04

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[51] **Int.Cl. G06F 17/00 (2006.01) G06F 17/21 (2006.01)**
[25] EN
[54] **DECLARATIVE CASCADE REORDERING FOR STYLES**
[54] **REORDONNANCEMENT DE CASCADE DECLARATIVE POUR STYLES**
[72] EICHOLZ, ARRON J., US
[72] LEITHEAD, TRAVIS, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2017-08-22
[86] 2016-03-17 (PCT/US2016/022991)
[87] (WO2016/149565)
[30] US (62/135,159) 2015-03-18
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[54] **CONDITIONALLY CONTROLLED STYLING**
[54] **STYLE CONTROLE SOUS CERTAINES CONDITIONS**
[72] EICHOLZ, ARRON J., US
[72] LEITHEAD, TRAVIS, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC., US
[85] 2017-08-22
[86] 2016-03-17 (PCT/US2016/022992)
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[30] US (62/135,161) 2015-03-18
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[51] **Int.Cl. A61N 1/36 (2006.01) A61B 5/0205 (2006.01) A61N 1/04 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ENABLING APPETITE MODULATION AND/OR IMPROVING DIETARY COMPLIANCE USING AN ELECTRO-DERMAL PATCH**
[54] **SYSTEMES ET PROCEDES POUR PERMETTRE UNE MODULATION D'APPETIT ET/OU AMELIORER UNE CONFORMITE DIETETIQUE A L'AIDE D'UN TIMBRE ELECTRODERMAL**
[72] PEREZ, RAUL E., US
[72] GOODE, PAUL V., US
[72] HONG, PETER I., US
[72] DIIANNI, STEVEN, US
[72] MALAVE, LUIS JOSE, US
[72] STENGEL, BRAD, US
[72] FAUL, JOHN L., IE
[71] ELIRA THERAPEUTICS LLC, US
[85] 2017-08-22
[86] 2016-02-24 (PCT/US2016/019416)
[87] (WO2016/138176)
[30] US (62/120,082) 2015-02-24
[30] US (62/120,067) 2015-02-24
[30] US (62/133,526) 2015-03-16
[30] US (62/133,530) 2015-03-16
[30] US (62/141,328) 2015-04-01
[30] US (62/141,333) 2015-04-01
[30] US (62/161,362) 2015-05-14
[30] US (62/161,353) 2015-05-14
[30] US (62/189,800) 2015-07-08
[30] US (62/189,805) 2015-07-08
[30] US (62/237,356) 2015-10-05
[30] US (62/240,808) 2015-10-13
[30] US (62/242,944) 2015-10-16
[30] US (62/242,957) 2015-10-16
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[25] EN
[54] **MATTER TRACKING SYSTEM**
[54] **SYSTEME DE SUIVI DE MATIERE**
[72] OSCOLAI, BILL, US
[72] BLOOM, MARK, US
[72] BROWN, DAVID, US
[71] CAREFUSION 303, INC., US
[85] 2017-08-22
[86] 2016-03-28 (PCT/US2016/024434)
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[54] **DESACETOXYTUBULYSIN H AND ANALOGS THEREOF**
[54] **DESACETOXYTUBULYSINE H ET SES ANALOGUES**
[72] NICOLAOU, KYRIACOS C., US
[72] VOURLOUMIS, DIONOSIOS, US
[72] YIN, JUN, US
[72] ERANDE, ROHAN, US
[72] MANDAL, DEBASHIS, US
[72] KLAHN, PHILIPP, US
[71] WILLIAM MARSH RICE UNIVERSITY, US
[85] 2017-08-22
[86] 2016-02-25 (PCT/US2016/019604)
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[51] **Int.Cl. A61K 45/06 (2006.01) C07D 413/06 (2006.01)**
[25] EN
[54] **USE OF GLUCOCORTICOID RECEPTOR ANTAGONIST AND SOMATOSTATIN ANALOGUES TO TREAT ACTH-SECRETING TUMORS**
[54] **UTILISATION D'UN ANTAGONISTE DU RECEPTEUR DES GLUCOCORTICOIDES ET D'ANALOGUES DE LA SOMATOSTATINE POUR LE TRAITEMENT DE TUMEURS SECRETANT DE L'HORMONE ADRENOCORTICOTROPE (ACTH)**
[72] MORAITIS, ANDREAS G., US
[72] BELANOFF, JOSEPH K., US
[71] CORCEPT THERAPEUTICS, INC., US
[85] 2017-08-22
[86] 2016-02-25 (PCT/US2016/019646)
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[51] **Int.Cl. A01N 63/02 (2006.01) A61K 35/74 (2015.01)**
[25] EN
[54] **MIXOTROPHIC FERMENTATION METHOD FOR MAKING ACETONE, ISOPROPANOL, BUTYRIC ACID AND OTHER BIOPRODUCTS, AND MIXTURES THEREOF**
[54] **PROCEDE DE FERMENTATION MIXOTROPHE POUR PRODUIRE DE L'ACETONE, DE L'ISOPROPANOL, DE L'ACIDE BUTYRIQUE ET D'AUTRE BIOPRODUITS, ET MELANGES DE CEUX-CI**
[72] TRACY, BRYAN P., US
[72] JONES, SHAWN WILLIAM, US
[72] EYAL, AHARON M., IL
[71] WHITE DOG LABS, INC., US
[85] 2017-08-22
[86] 2016-02-26 (PCT/US2016/019760)
[87] (WO2016/138372)
[30] US (62/121,871) 2015-02-27
[30] US (62/183,034) 2015-06-22
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[30] US (62/209,133) 2015-08-24
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[54] **AORTOPATHY**
[54] **AORTOPATHIE**
[72] SUZUKI, TORU, GB
[71] UNIVERSITY OF LEICESTER, GB
[85] 2017-08-23
[86] 2016-02-19 (PCT/GB2016/050413)
[87] (WO2016/135456)
[30] GB (1503139.6) 2015-02-25
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[51] **Int.Cl. C22B 23/00 (2006.01) C22B 1/00 (2006.01) C22B 3/08 (2006.01)**
[25] EN
[54] **ORE SLURRY PRE-TREATMENT METHOD AND ORE SLURRY MANUFACTURING METHOD**
[54] **PROCEDE DE PRE-TRAITEMENT DE SUSPENSION EPAISSE DE MINERAI ET PROCEDE DE FABRICATION DE SUSPENSION EPAISSE DE MINERAI**
[72] HIGUCHI, HIROTAKA, JP
[72] OHARA, GO, JP
[72] NAKAI, OSAMU, JP
[72] IMAMURA, MASAKI, JP
[71] SUMITOMO METAL MINING CO., LTD., JP
[85] 2017-08-23
[86] 2015-12-01 (PCT/JP2015/083790)
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[25] EN
[54] **MODIFIED IMMUNOCYTE, METHOD FOR PRODUCING MODIFIED IMMUNOCYTE AND UTILIZATION THEREOF**
[54] **IMMUNOCYTE MODIFIE, PROCEDE D'OBTENTION D'IMMUNOCYTE MODIFIE ET UTILISATION DE CELUI-CI**
[72] FUJII, SHIN-ICHIRO, JP
[72] SHIMIZU, KANAKO, JP
[72] YAMASAKI, SATOSHI, JP
[72] SHINGA, JUN, JP
[71] RIKEN, JP
[85] 2017-08-23
[86] 2015-12-11 (PCT/JP2015/084826)
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[51] **Int.Cl. A61F 2/07 (2013.01) A61K 45/06 (2006.01) A61P 9/10 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS RELATING TO LEPTIN ANTAGONISTS**
[54] **PROCEDES ET COMPOSITIONS RELATIFS A DES ANTAGONISTES DE LA LEPTINE**
[72] SCHNEIDERMAN, JACOB, IL
[71] SCHNEIDERMAN, JACOB, IL
[85] 2017-08-23
[86] 2015-08-27 (PCT/IL2015/050866)
[87] (WO2016/135716)
[30] US (62/120,966) 2015-02-26
[30] US (14/730,282) 2015-06-04
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[25] EN
[54] **SEPTUM HOLDERS FOR USE IN SYRINGE CONNECTORS**
[54] **SUPPORTS DE CLOISON DESTINES A ETRE UTILISES DANS DES RACCORDS DE SERINGUE**
[72] KRIHELI, MARINO, IL
[72] TAVOR, RAANAN, IL
[71] EQUASHIELD MEDICAL LTD., IL
[85] 2017-08-23
[86] 2016-03-14 (PCT/IL2016/050280)
[87] (WO2016/147178)
[30] IL (237788) 2015-03-16

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[51] **Int.Cl. H04W 72/04 (2009.01) H04W 48/08 (2009.01) H04W 72/12 (2009.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR A PHYSICAL UPLINK CONTROL CHANNEL ON A SECONDARY CELL**
[54] **SYSTEMES ET PROCEDES POUR UN CANAL PHYSIQUE DE COMMANDE DE LIAISON MONTANTE SUR UNE CELLULE SECONDAIRE**
[72] YAMADA, SHOHEI, JP
[72] UEMURA, KATSUNARI, JP
[72] KATO, YASUYUKI, JP
[72] TSUBOI, HIDEKAZU, JP
[71] SHARP KABUSHIKI KAISHA, JP
[85] 2017-08-23
[86] 2016-03-18 (PCT/JP2016/001611)
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[30] US (62/139,234) 2015-03-27

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[25] EN
[54] **METHOD OF PREPARING NANOPARTICULATE TOPICAL COMPOSITION**
[54] **PROCEDE DE PREPARATION DE COMPOSITION TOPIQUE NANOPARTICULAIRE**
[72] BOMMAGANI, MADHUSUDHAN, IN
[72] BHOWMICK, SUBHAS BALARAM, IN
[72] KANE, PRASHANT, IN
[72] DUBEY, VAIBHAV, IN
[71] SUN PHARMA ADVANCED RESEARCH COMPANY LTD., IN
[85] 2017-08-23
[86] 2016-02-25 (PCT/IN2016/050067)
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[30] IN (627/MUM/2015) 2015-02-25

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[25] EN
[54] **NANOPARTICULATE COMPOSITION**
[54] **COMPOSITION NANOPARTICULAIRE**
[72] BOMMAGANI, MADHUSUDHAN, IN
[72] BHOWMICK, SUBHAS BALARAM, IN
[72] KANE, PRASHANT, IN
[72] DUBEY, VAIBHAV, IN
[71] SUN PHARMA ADVANCED RESEARCH COMPANY LTD, IN
[85] 2017-08-23
[86] 2016-02-25 (PCT/IN2016/050068)
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[30] IN (623/MUM/2015) 2015-02-25

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[51] **Int.Cl. C07D 401/06 (2006.01) A61K 31/4178 (2006.01) A61K 31/454 (2006.01) A61K 31/496 (2006.01) A61P 25/04 (2006.01) C07D 403/06 (2006.01)**
[25] EN
[54] **CYCLIC AMINE DERIVATIVE AND PHARMACEUTICAL USE THEREOF**
[54] **DERIVE D'AMINE CYCLIQUE ET UTILISATION PHARMACEUTIQUE DE CELUI-CI**
[72] ARAI, TADAMASA, JP
[72] MORITA, YASUHIRO, JP
[72] UDAGAWA, SHUJI, JP
[72] ISEKI, KATSUHIKO, JP
[72] IZUMIMOTO, NAOKI, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2017-08-23
[86] 2016-02-26 (PCT/JP2016/055814)
[87] (WO2016/136944)
[30] JP (2015-038809) 2015-02-27

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[25] EN
[54] **FILLER FOR FILTER VENT AND FILTER VENT DEVICE**
[54] **REMPLISSAGE DESTINE A UN EVENT DE FILTRE ET DISPOSITIF D'EVENT DE FILTRE**
[72] KOBAYASHI, TOSHIKI, JP
[72] ENDO, KOJI, JP
[71] RASA INDUSTRIES, LTD., JP
[85] 2017-08-23
[86] 2016-03-08 (PCT/JP2016/057064)
[87] (WO2016/143764)
[30] JP (2015-049399) 2015-03-12

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[13] A1
[51] **Int.Cl. C22C 38/00 (2006.01) C22C 38/58 (2006.01) C22C 38/60 (2006.01) C21D 9/46 (2006.01)**
[25] EN
[54] **STAINLESS STEEL HAVING EXCELLENT BRAZEABILITY**
[54] **ACIER INOXYDABLE PRESENTANT UNE EXCELLENTE APTITUDE AU BRASAGE**
[72] HIRAIDE, NOBUHIKO, JP
[72] HAYASHI, ATSUTAKA, JP
[71] NIPPON STEEL & SUMIKIN STAINLESS STEEL CORPORATION, JP
[85] 2017-08-23
[86] 2016-03-22 (PCT/JP2016/058987)
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[30] JP (2015-063569) 2015-03-26

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[51] **Int.Cl. H04B 10/079 (2013.01) H04B 10/2513 (2013.01) G01M 11/02 (2006.01) H04B 3/06 (2006.01)**
[25] EN
[54] **CHROMATIC DISPERSION ESTIMATING CIRCUIT, OPTICAL RECEPTION DEVICE AND CHROMATIC DISPERSION AMOUNT ESTIMATING METHOD**
[54] **CIRCUIT D'ESTIMATION DE DISPERSION DE LONGUEUR D'ONDE, RECEPTEUR OPTIQUE, ET PROCEDE D'ESTIMATION DE DISPERSION DE LONGUEUR D'ONDE**
[72] YAMAZAKI, ETSUSHI, JP
[72] TAKAMUKU, TOMOHIRO, JP
[72] YOSHIDA, YUKI, JP
[72] YOSHIDA, MITSUTERU, JP
[72] SHIBAHARA, KOKI, JP
[72] HORIKOSHI, KENGO, JP
[72] KISAKA, YOSHIAKI, JP
[71] NTT ELECTRONICS CORPORATION, JP
[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
[85] 2017-08-23
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[25] EN
[54] **SUBSTITUTED PYRIMIDINE COMPOUNDS AS PHOSPHATIDYLINOSITOL 3-KINASE .DELTA. INHIBITOR AND USE THEREOF**
[54] **COMPOSES PYRIMIDINE SUBSTITUES EN TANT QU'INHIBITEURS DE LA PHOSPHATIDYLINOSITOL 3-KINASE .DELTA. ET UTILISATION DE CES DERNIERS**
[72] WANG, YONG, CN
[72] LIU, XIAORONG, CN
[72] HUANG, DANDAN, CN
[72] ZHANG, YAN, CN
[72] KAI, YUMEI, CN
[71] NANJING SANHOME PHARMACEUTICAL CO., LTD., CN
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[72] PATEL, ANIL RAMAN, GB
[71] MASCULL, ROGER THOMAS, NZ
[71] MASCULL, ELIZABETH JOCELYN, NZ
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[54] **LID FOR A CONTAINER**
[54] **COUVERCLE POUR RECIPIENT**
[72] MEYERS, DAVID O., US
[72] SORENSEN, STEVEN M., US
[71] RUNWAY BLUE, LLC, US
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[54] **DISPENSER FOR A STACK OF WEB MATERIAL**
[54] **DISTRIBUTEUR DESTINE A UN EMPILEMENT DE MATERIAU EN BANDE**
[72] LARSSON, BJORN, SE
[72] WALLENIUS, HANS, SE
[71] SCA HYGIENE PRODUCTS AB, SE
[85] 2017-08-23
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[25] EN
[54] **METHODS AND DEVICES FOR DETECTION OF RESISTANCE TO AN ENZYME INHIBITOR**
[54] **PROCEDES ET DISPOSITIFS POUR LA DETECTION DE LA RESISTANCE A UN INHIBITEUR ENZYMATIQUE**
[72] LI, XINGXIANG, US
[71] CELLEX, INCORPORATED, US
[85] 2017-08-23
[86] 2015-04-13 (PCT/US2015/025591)
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[25] EN
[54] **THERAPEUTIC METHODS EMPLOYING NORIBOGAINE AND RELATED COMPOUNDS**
[54] **METHODES THERAPEUTIQUES FAISANT INTERVENIR DE LA NORIBOGAINE ET DES COMPOSES APPARENTES**
[72] FRIEDHOFF, LAWRENCE, US
[72] MAILLET, EMELINE, US
[72] WEIS, HOLGER, US
[71] DEMERX, INC., US
[85] 2017-08-18
[86] 2015-02-17 (PCT/US2015/016186)
[87] (WO2015/126836)
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[30] US (61/941,390) 2014-02-18
[30] US (61/945,746) 2014-02-27
[30] US (PCT/US2014/019692) 2014-02-28
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[30] US (61/952,727) 2014-03-13
[30] US (61/952,731) 2014-03-13
[30] US (61/952,733) 2014-03-13
[30] US (61/952,738) 2014-03-13
[30] US (61/952,741) 2014-03-13
[30] US (61/952,744) 2014-03-13
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[30] US (62/005,841) 2014-05-30
[30] US (62/005,847) 2014-05-30
[30] US (62/005,851) 2014-05-30
[30] US (62/005,855) 2014-05-30
[30] US (62/005,858) 2014-05-30
[30] US (62/007,346) 2014-06-03
[30] US (62/024,388) 2014-07-14
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[25] EN
[54] **CHARACTERIZATION OF REFRACTORY LINING OF METALLURGICAL VESSELS USING AUTONOMOUS SCANNERS**
[54] **CARACTERISATION DE GARNISSAGE REFRACTAIRE D'ENCEINTES METALLURGIQUES A L'AIDE DE SCANNERS AUTONOME**
[72] BONIN, MICHEL PIERRE, US
[72] HOOG, JARED HUBERT, US
[71] PROCESS METRIX, LLC, US
[85] 2017-08-23
[86] 2016-02-18 (PCT/US2016/018388)
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[25] EN
[54] **MANAGING DATA**
[54] **GESTION DE DONNEES**
[72] FEESS, TIM, US
[72] AFRICANO, WILLIAM, US
[72] MCGUIRE, PATRICK, US
[71] MYGNAR, INC., US
[85] 2017-08-23
[86] 2016-02-22 (PCT/US2016/018939)
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[25] EN
[54] **ANTI-AMYLOID-BETA ANTIBODIES**
[54] **ANTICORPS ANTI-AMYLOIDE-BETA**
[72] FLORENCE, QUENTIN, US
[72] MENON, NANDA, US
[72] MOFFITT, WILLIAM, US
[72] LUNSFORD, BILL, US
[71] RPEPTIDE, LLC, US
[85] 2017-08-23
[86] 2016-02-23 (PCT/US2016/019064)
[87] (WO2016/137947)
[30] US (62/120,138) 2015-02-24
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[25] EN
[54] **ANTI-TAU ANTIBODIES**
[54] **ANTICORPS ANTI-TAU**
[72] FLORENCE, QUENTIN, US
[72] MENON, NANDA, US
[72] MOFFITT, WILLIAM, US
[72] LUNSFORD, BILL, US
[71] RPEPTIDE, LLC, US
[85] 2017-08-23
[86] 2016-02-23 (PCT/US2016/019067)
[87] (WO2016/137950)
[30] US (62/120,120) 2015-02-24

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[25] EN
[54] **SMART LOAD PIN FOR DRAW-WORKS**
[54] **BROCHE DE CHARGE INTELLIGENTE POUR TREUIL DE FORAGE**
[72] MARTIN, TRENTON, US
[72] MCLEMORE, STEVEN, US
[72] STEFANOS, RAFIK ISHAK, US
[71] TRANSOCEAN SEDCO FOREX VENTURES LIMITED, KY
[85] 2017-08-23
[86] 2016-02-23 (PCT/US2016/019161)
[87] (WO2016/138014)
[30] US (62/119,397) 2015-02-23

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[51] **Int.Cl. C01F 5/14 (2006.01) B01D 53/73 (2006.01) C01F 5/22 (2006.01)**
[25] EN
[54] **CARBON DIOXIDE SEQUESTRATION WITH MAGNESIUM HYDROXIDE AND REGENERATION OF MAGNESIUM HYDROXIDE**
[54] **SEQUESTRATION DE DIOXYDE DE CARBONE PAR DE L'HYDROXYDE DE MAGNESIUM ET REGENERATION D'HYDROXYDE DE MAGNESIUM**
[72] JONES, JOE, US
[72] YABLONSKY, AL, US
[71] CARBONFREE CHEMICALS HOLDINGS, LLC, US
[85] 2017-08-23
[86] 2016-02-23 (PCT/US2016/019164)
[87] (WO2016/138016)
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[25] EN
[54] **METHODS AND USER EQUIPMENT FOR MEASURING THE RADIATED POWER OF A WIRELESS DEVICE PROXIMATE TO A PHANTOM**
[54] **PROCEDES ET EQUIPEMENT UTILISATEUR PERMETTANT DE MESURER LA PUISSANCE EMISE D'UN DISPOSITIF SANS FIL A PROXIMITE D'UN FANTOME**
[72] TAYLOR, CAROLYN, US
[71] ZTE (USA) INC., US
[85] 2017-08-23
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[25] EN
[54] **APPARATUS AND KITS FOR FLUID INFUSION**
[54] **APPAREIL ET KITS POUR PERFUSION DE FLUIDE**
[72] PIEHL, MARK D., US
[72] ROBERTSON, GALEN C., US
[72] HAGLER, JOHN TYLER WILLIS, US
[72] TITKEMEYER, ROBERT W., US
[72] FEILER, FREDERIC C., JR., US
[71] 410 MEDICAL, INC., US
[85] 2017-08-23
[86] 2016-02-23 (PCT/US2016/019167)
[87] (WO2016/138018)
[30] US (62/120,021) 2015-02-24
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[54] **METALLURGICAL VESSEL LINING WITH CONFIGURED PERFORATION STRUCTURE**
[54] **GARNISSAGE DE CUVE METALLURGIQUE PRESENTANT UNE STRUCTURE DE PERFORATIONS SPECIALEMENT CONCUE**
[72] SIMOES, JOSE, BE
[72] PATEL, BABU, US
[72] PILLAI, SUNILKUMAR C., US
[72] JANSSEN, DOMINIQUE (DECEASED), US
[72] MADDALENA, ROGER, US
[71] VESUVIUS CRUCIBLE COMPANY, US
[85] 2017-08-23
[86] 2016-02-24 (PCT/US2016/019280)
[87] (WO2016/153693)
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[25] EN
[54] **METHOD FOR RESIN DELIVERY INCLUDING METERING INTRODUCTION OF EXTERNAL AIR TO MAINTAIN DESIRED VACUUM LEVEL**
[54] **PROCEDE DE DISTRIBUTION DE RESINE COMPRENANT LE DOSAGE DE L'INTRODUCTION D'AIR EXTERIEUR POUR MAINTENIR UN NIVEAU DE VIDE SOUHAITE**
[72] MAGUIRE, STEPHEN B., US
[71] MAGUIRE, STEPHEN B., US
[85] 2017-08-23
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[87] (WO2016/138200)
[30] US (62/120,401) 2015-02-25

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[25] EN
[54] **ILLUMINATED THRESHOLD BARRIER**
[54] **BARRIERE DE SEUIL ECLAIREE**
[72] DUNN, STEVEN BRYAN, US
[72] BEISINGER, QUINN MICHAEL, US
[72] BIRKERT, THOMAS, US
[71] MUNCHKIN, INC., US
[85] 2017-08-23
[86] 2016-02-25 (PCT/US2016/019589)
[87] (WO2016/138279)
[30] US (62/120,802) 2015-02-25
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[51] **Int.Cl. B01D 1/06 (2006.01)**
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[54] **COMPACT MECHANICAL VAPOR RECOMPRESSION EVAPORATOR SYSTEM**
[54] **SYSTEME COMPACT D'EVAPORATEUR A RECOMPRESSION MECANIQUE DE VAPEUR**
[72] ZIMMER, ARTUR G., US
[71] CALORIS ENGINEERING, LLC, US
[85] 2017-08-23
[86] 2016-02-26 (PCT/US2016/019700)
[87] (WO2016/138343)
[30] US (62/121,545) 2015-02-27

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[13] A1
[51] **Int.Cl. B65D 51/24 (2006.01)**
[25] EN
[54] **POWDERED DISPENSER CONTAINER WITH A COMBINED SCOOP HOLDER AND SCRAPER**
[54] **RECIPIENT DE DISTRIBUTEUR EN POUDRE AYANT UN SUPPORT DE CUILLERE ET UN GRATTOIR COMBINES**
[72] DUNN, STEVEN B., US
[72] BIESINGER, QUINN MICHAEL, US
[72] HATHERILL, MARK A., US
[72] BIRKERT, THOMAS E., US
[71] MUNCHKIN, INC., US
[85] 2017-08-23
[86] 2016-02-25 (PCT/US2016/019654)
[87] (WO2016/138318)
[30] US (62/120,813) 2015-02-25
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[51] **Int.Cl. A61K 39/285 (2006.01) A61K 39/12 (2006.01) A61K 39/275 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **USE OF INACTIVATED NONREPLICATING MODIFIED VACCINIA VIRUS ANKARA (MVA) AS MONOIMMUNOTHERAPY OR IN COMBINATION WITH IMMUNE CHECKPOINT BLOCKING AGENTS FOR SOLID TUMORS**
[54] **UTILISATION DE VIRUS DE LA VACCINE ANKARA MODIFIE (MVA) NON REPLICATIF INACTIVE EN TANT QUE MONO-IMMUNOTHERAPIE OU EN ASSOCIATION AVEC DES AGENTS DE BLOCAGE DE POINT DE CONTROLE POUR DES TUMEURS SOLIDES**
[72] DENG, LIANG, US
[72] SHUMAN, STEWART, US
[72] WOLCHOK, JEDD D., US
[72] MERGHOUB, TAHA, US
[72] DAI, PEIHONG, US
[72] WANG, WEIYI, US
[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
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[51] **Int.Cl. A01N 63/00 (2006.01) C12N 5/071 (2010.01) C12N 5/02 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR THE TREATMENT OR PREVENTION OF PARKINSON'S DISEASE**
[54] **METHODES ET COMPOSITIONS PERMETTANT LE TRAITEMENT OU LA PREVENTION DE LA MALADIE DE PARKINSON**
[72] ISACSON, OLE, US
[71] THE MCLEAN HOSPITAL CORPORATION, US
[85] 2017-08-23
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[87] (WO2016/138392)
[30] US (62/121,333) 2015-02-26

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[51] **Int.Cl. G06N 99/00 (2010.01)**
[25] EN
[54] **TECHNIQUES FOR COUPLING PLANNAR QUBITS TO NON-PLANAR RESONATORS AND RELATED SYSTEMS AND METHODS**
[54] **TECHNIQUES DE COUPLAGE DE BITS QUANTIQUES PLANAIRES A DES RESONATEURS NON PLANAIRES, SYSTEMES ET PROCEDES ASSOCIES**
[72] MINEV, ZLATKO, US
[72] SERNIAK, KYLE, US
[72] POP, LOAN, US
[72] CHU, YIWEN, US
[72] BRECHT, TERESA, US
[72] FRUNZIO, LUIGI, US
[72] DEVORET, MICHEL, US
[72] SCHOELKOPE ROBERT J., III, US
[71] YALE UNIVERSITY, US
[85] 2017-08-23
[86] 2016-02-26 (PCT/US2016/019801)
[87] (WO2016/138395)
[30] US (62/126,183) 2015-02-27

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[51] **Int.Cl. B04B 1/04 (2006.01) B01D 46/02 (2006.01) B01D 46/10 (2006.01) B04B 1/08 (2006.01) B04B 3/02 (2006.01) B04B 3/04 (2006.01)**
[25] EN
[54] **LIQUID REFINEMENT**
[54] **AFFINEMENT DE LIQUIDE**
[72] LEWIS, RICHARD, US
[72] SCOTT, KURT, US
[71] RECOVERED ENERGY, INC., US
[85] 2017-08-23
[86] 2016-02-26 (PCT/US2016/019958)
[87] (WO2016/138494)
[30] US (62/121,660) 2015-02-27
[30] US (62/121,673) 2015-02-27
[30] US (62/204,327) 2015-08-12

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[13] A1
[51] **Int.Cl. H01L 39/22 (2006.01) H03F 19/00 (2006.01)**
[25] EN
[54] **JOSEPHSON JUNCTION-BASED CIRCULATORS AND RELATED SYSTEMS AND METHODS**
[54] **CIRCULATEURS A BASE DE JONCTION JOSEPHSON ET SYSTEMES ET PROCEDES ASSOCIES**
[72] SLIWA, KATRINA, US
[72] HATRIDGE, MICHAEL, US
[72] NARLA, ANIRUDH, US
[72] SHANKAR, SHYAM, US
[72] FRUNZIO, LUIGI, US
[72] SCHOELKOPF, ROBERT J., III, US
[72] DEVORET, MICHEL, US
[71] YALE UNIVERSITY, US
[85] 2017-08-23
[86] 2016-02-26 (PCT/US2016/019819)
[87] (WO2016/138406)
[30] US (62/126,423) 2015-02-27

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[13] A1
[51] **Int.Cl. G01N 33/53 (2006.01) C07K 14/47 (2006.01) G01N 33/577 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **13+/17+ BIN1 EXPRESSION AS A MARKER OF CARDIAC DISORDERS**
[54] **EXPRESSION DE BIN1 13+/17+ A UTILISER EN TANT QUE MARQUEUR DE TROUBLES CARDIAQUES**
[72] SHAW, DARRYL STEVEN, US
[72] SHAW, NEIL GAVIN, US
[71] SARCOTEIN DIAGNOSTICS, LLC, US
[85] 2017-08-23
[86] 2016-03-02 (PCT/US2016/020495)
[87] (WO2016/141088)
[30] US (62/126,867) 2015-03-02

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[51] **Int.Cl. A23K 10/30 (2016.01)**
[25] EN
[54] **ADDITION OF EDIBLE FAT (LIPIDS) TO HAY FOR ENHANCING THE NUTRITIONAL VALUE AND DIGESTIBILITY AND REDUCING THE TOXICITY RISK**
[54] **ADDITION DE MATIERE GRASSE COMESTIBLE (LIPIDES) A DU FOIN POUR AMELIORER SA VALEUR NUTRITIONNELLE ET DIGESTIBILITE ET REDUIRE LE RISQUE DE TOXICITE**
[72] SMALLWOOD, NORMAN J., US
[71] SMALLWOOD, NORMAN J., US
[85] 2017-08-23
[86] 2016-03-04 (PCT/US2016/020947)
[87] (WO2016/144778)
[30] US (62/129,074) 2015-03-06

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[51] **Int.Cl. E21B 7/12 (2006.01) E21B 7/128 (2006.01) E21B 19/09 (2006.01)**
[25] EN
[54] **MARINE MOTION COMPENSATED DRAW-WORKS REAL-TIME PERFORMANCE MONITORING AND PREDICTION**
[54] **SURVEILLANCE ET PREVISION DES PERFORMANCES EN TEMPS REEL D'UN TREUIL DE FORAGE A COMPENSATION DE MOUVEMENT MARIN**
[72] MARTIN, TRENTON, US
[72] STEFANOS, RAFIK ISHAK, US
[72] BARR, AARON, US
[71] TRANSOCEAN SEDCO FOREX VENTURES LIMITED, KY
[85] 2017-08-23
[86] 2016-02-23 (PCT/US2016/019168)
[87] (WO2016/138019)
[30] US (62/119,537) 2015-02-23

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[25] EN
[54] **HAPLOID INDUCTION**
[54] **INDUCTION D'HAPLOIDES**
[72] BRITT, ANNE B., US
[72] KUPPU, SUNDARAM, US
[72] CHAN, SIMON (DECEASED), US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2017-08-23
[86] 2016-02-23 (PCT/US2016/019170)
[87] (WO2016/138021)
[30] US (62/120,274) 2015-02-24

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[13] A1
[51] **Int.Cl. B27L 11/08 (2006.01) B27N 3/04 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR SEPARATING FIBERS IN WOOD LOGS**
[54] **APPAREIL ET PROCEDE POUR SEPARER DES FIBRES DANS DES RONDINS DE BOIS**
[72] ROONEY, KEVIN PATRICK, US
[72] THOMAS, WILLIAM ANDERSON, US
[72] WHITE, JAMES MICHAEL, US
[72] SEALE, ROY DANIEL, US
[72] WHITE, BOBBY LYN, US
[72] BARWICK, ADAM GLENN, US
[72] CLARK, DON ROBERTS, US
[71] SCRIMTEC HOLDINGS, LLC, US
[85] 2017-08-23
[86] 2016-02-23 (PCT/US2016/019181)
[87] (WO2016/138029)
[30] US (14/628,412) 2015-02-23

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[13] A1
[51] **Int.Cl. G01N 1/20 (2006.01) G01N 1/00 (2006.01) G01N 1/14 (2006.01)**
[25] EN
[54] **AN APPARATUS FOR TAKING SAMPLES FROM A SLURRY FLOW**
[54] **APPAREIL PERMETTANT DE PRELEVER DES ECHANTILLONS D'UN ECOULEMENT DE BOUE**
[72] HAMILTON LEWIS-GRAY, ALEXANDER, AU
[71] GEKKO SYSTEMS PTY LTD, AU
[85] 2017-08-24
[86] 2016-02-15 (PCT/AU2016/000039)
[87] (WO2016/134403)
[30] AU (2015900676) 2015-02-26

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[13] A1
[51] **Int.Cl. C12N 15/09 (2006.01) A61K 31/713 (2006.01) C12N 15/00 (2006.01) C12Q 1/68 (2006.01) G01N 33/48 (2006.01) C07K 14/47 (2006.01) C12N 15/90 (2006.01)**
[25] EN
[54] **HOMOLOGOUS RECOMBINATION FACTORS**
[54] **FACTEURS DE RECOMBINAISON HOMOLOGUE**
[72] DUROCHER, DANIEL, CA
[72] NOORDERMEER, SYLVIE, CA
[72] ORTHWEIN, ALEXANDRE, CA
[71] SINAI HEALTH SYSTEM, CA
[85] 2017-08-24
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[54] **METHOD AND APPARATUS FOR REFINING HYDROCARBONS WITH ELECTROMAGNETIC ENERGY**
[54] **PROCEDE ET APPAREIL DE RAFFINAGE D'HYDROCARBURES FONCTIONNANT AVEC DE L'ENERGIE ELECTROMAGNETIQUE**
[72] BRODER, CALVAN ALLAN, CA
[71] 1836272 ALBERTA LTD., CA
[85] 2017-08-24
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[54] **APPARATUS, SYSTEMS AND METHODS FOR OPTIMIZING AND MASKING COMPRESSION IN A BIOSENSING GARMENT**
[54] **APPAREIL, SYSTEMES ET PROCEDES DESTINES A OPTIMISER ET MASQUER LA COMPRESSION DANS UN VETEMENT A BIOCAPTEURS**
[72] BERZOWSKA, JOANNA, CA
[72] CHANAY, FREDERIC, CA
[72] NURKKA, MARIA ELINA, CA
[71] OMSIGNAL INC, CA
[85] 2017-08-24
[86] 2016-02-26 (PCT/CA2016/050207)
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[25] EN
[54] **ELECTROMAGNETIC WAVE CONCENTRATED HEATING AND HEAT-ACTIVATED CHEMICAL REACTIONS OF ENHANCED SENSITIZERS FOR ENHANCED OIL RECOVERY**
[54] **CHAUFFAGE CONCENTRE PAR ONDES ELECTROMAGNETIQUES ET REACTIONS CHIMIQUES ACTIVEES PAR LA CHALEUR DE SENSIBILISATEURS PERFECTIONNES PERMETTANT UNE MEILLEURE RECUPERATION DU PETROLE**
[72] PARK, SIMON, CA
[72] KIM, SEONGHWAN, CA
[72] VYAS, RUSHI, CA
[71] ESPARK ENERGY INC., CA
[85] 2017-08-24
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[25] EN
[54] **TILT AND DROP TRACK SWITCHING ELEMENT**
[54] **ELEMENT DE COMMUTATION DE VOIE D'INCLINAISON ET DE CHUTE**
[72] RUPP, DAVID ROBERT, US
[72] EMERICK-WHITSON, CYNTHIA LYNN, US
[71] DYNAMIC STRUCTURES, LTD., CA
[85] 2017-08-24
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[25] EN
[54] **COMPOUNDS FOR TREATING OCULAR DISEASES**
[54] **COMPOSES POUR LE TRAITEMENT DE MALADIES OCULAIRES**
[72] LIAO, CHICHOU, CN
[71] SPRINGSKY BIOMED COMPANY LIMITED, TW
[85] 2017-08-24
[86] 2016-02-25 (PCT/CN2016/074533)
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[25] EN
[54] **TRANSVERSE RAIL SWITCHING ELEMENT**
[54] **ELEMENT DE COMMUTATION DE RAIL TRANSVERSAL**
[72] RUPP, DAVID ROBERT, US
[72] EMERICK-WHITSON, CYNTHIA LYNN, US
[71] DYNAMIC STRUCTURES, LTD., CA
[85] 2017-08-24
[86] 2016-03-01 (PCT/CA2016/050213)
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[25] EN
[54] **SYSTEMS AND METHODS FOR PACKAGING INSTRUMENTS**
[54] **SYSTEMES ET PROCEDES POUR EMBALLER DES INSTRUMENTS**
[72] BAKER, RUSSELL, US
[72] ZELNER, LAWRENCE, US
[71] RST AUTOMATION LLC, US
[85] 2017-08-23
[86] 2016-03-11 (PCT/US2016/022207)
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[25] EN
[54] **STIRRING DEVICE**
[54] **SYSTEME D'ORGANE D'AGITATION**
[72] MULTNER, BENJAMIN, DE
[72] KELLER, WOLFGANG, FR
[71] EKATO RUHR- UND MISCHTECHNIK GMBH, DE
[85] 2017-08-24
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[54] **BROADCAST SYSTEM WITH A WATERMARK PAYLOAD**
[54] **SYSTEME DE RADIODIFFUSION A CHARGE UTILE DE FILIGRANE NUMERIQUE**
[72] MISRA, KIRAN M., US
[72] DESHPANDE, SACHIN G., US
[71] SHARP KABUSHIKI KAISHA, JP
[85] 2017-08-23
[86] 2016-04-26 (PCT/JP2016/002206)
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[30] US (62/154,691) 2015-04-29
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[51] **Int.Cl. H04N 21/436 (2011.01) H04N 21/44 (2011.01)**
[25] EN
[54] **METHODS FOR MEDIA PLAYBACK STATE INFORMATION EXCHANGE**
[54] **PROCEDES D'ECHANGE D'INFORMATIONS D'ETAT DE LECTURE MULTIMEDIA**
[72] DESHPANDE, SACHIN G., US
[71] SHARP KABUSHIKI KAISHA, JP
[85] 2017-08-23
[86] 2016-04-20 (PCT/JP2016/002119)
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[25] EN
[54] **EXTRACT OF TAIWANESE PROPOLIS FOR TREATING OCULAR DISEASES**
[54] **EXTRAIT DE PROPOLIS TAIWANAISE POUR LE TRAITEMENT DE MALADIES OCULAIRES**
[72] LIAO, CHICHOU, CN
[71] SPRINGSKY BIOMED COMPANY LIMITED, TW
[85] 2017-08-24
[86] 2016-02-25 (PCT/CN2016/074540)
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[25] EN
[54] **STIRRING STAFF ARRANGEMENT AS WELL AS TRANSPORT AND STORAGE CONTAINER FOR LIQUIDS HAVING A STIRRING STAFF ARRANGEMENT**
[54] **AGENCEMENT DE BARRES D'AGITATION ET RECIPIENT DE TRANSPORT ET DE STOCKAGE DE LIQUIDES EQUIPE D'UN AGENCEMENT DE BARRES D'AGITATION**
[72] BUSCH, CARSTEN, DE
[72] BLOMER, PETER, DE
[72] PAUL, ULRICH, DE
[71] PROTECHNA S.A., CH
[85] 2017-08-24
[86] 2016-01-26 (PCT/EP2016/051497)
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[25] EN
[54] **SERVICE SIGNALING EXTENSIONS**
[54] **EXTENSIONS DE SIGNALISATION DE SERVICE**
[72] DESHPANDE, SACHIN G., US
[71] SHARP KABUSHIKI KAISHA, JP
[85] 2017-08-23
[86] 2016-03-31 (PCT/JP2016/001874)
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[51] **Int.Cl. A61M 16/06 (2006.01) A61B 18/08 (2006.01) A61M 16/08 (2006.01)**
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[54] **MASK SYSTEM HEADGEAR**
[54] **CASQUE A SYSTEME DE MASQUE**
[72] BORNHOLDT, MELISSA CATHERINE, NZ
[72] BETTERIDGE, MAX LEON, NZ
[72] OLSEN, GREGORY JAMES, NZ
[72] MCLAREN, MARK ARVIND, NZ
[72] IP, BERNARD TSZ LUN, NZ
[72] MITTERMEIER, SIMON, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[85] 2017-08-24
[86] 2016-03-03 (PCT/IB2016/051212)
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[25] EN
[54] **GUIDEWAY MOUNTED VEHICLE LOCALIZATION SYSTEM**
[54] **SYSTEME DE LOCALISATION D'UN VEHICULE MONTE SUR VOIE DE GUIDAGE**
[72] GREEN, ALON, CA
[72] IGNATIUS, RODNEY, CA
[72] WHITWAM, FIRTH, CA
[72] KINIO, WALTER, CA
[72] DIMMER, DAVID, CA
[72] GEORGESCU, MIRCEA, CA
[71] THALES CANADA INC., CA
[85] 2017-08-24
[86] 2016-03-01 (PCT/IB2016/051132)
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[30] US (14/639,290) 2015-03-05

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[51] **Int.Cl. F02N 11/08 (2006.01) B60L 11/00 (2006.01) H02J 7/34 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR MANAGING THE CHARGING AND DISCHARGING OF ULTRACAPACITORS WITHOUT CONTROL WIRING**
[54] **DISPOSITIF ET PROCEDE DE GESTION DE LA CHARGE ET DE LA DECHARGE D'ULTRACONDENSATEURS SANS CABLAGE DE COMMANDE**
[72] CABALLERO ATIENZAR, MANUEL ALONSO, ES
[71] GESTIMA SOLAR S.L., ES
[85] 2017-08-24
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[25] EN
[54] **PATIENT INCONTINENCE AND LIFTING PAD**
[54] **ALESE POUR LEVAGE ET INCONTINENCE DE PATIENT**
[72] SOLOMON, CHARLEEN SUZANNE, US
[71] SOLOMON, CHARLEEN SUZANNE, US
[85] 2017-08-24
[86] 2016-04-25 (PCT/IB2016/052342)
[87] (WO2016/135714)
[30] US (62/120,512) 2015-02-25
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[51] **Int.Cl. A61K 31/095 (2006.01) A61P 11/06 (2006.01) A61P 17/06 (2006.01) A61P 19/02 (2006.01) A61P 27/02 (2006.01) A61P 35/00 (2006.01) C07D 329/00 (2006.01) C07D 517/22 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND COMBINATIONS FOR THE TREATMENT OF ANGIOGENESIS DISEASES AND DISORDERS**
[54] **COMPOSITIONS ET ASSOCIATIONS DESTINEES AU TRAITEMENT DE MALADIES ET DE TROUBLES DE L'ANGIOGENESE**
[72] SREDNI, BENJAMIN, IL
[71] FERAMDA LTD., IL
[85] 2017-08-24
[86] 2016-02-25 (PCT/IL2016/050213)
[87] (WO2016/135728)
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[25] EN
[54] **SEQUENTIAL OXIDATION-REDUCTION REACTOR FOR POST COLUMN REACTION GC/FID SYSTEM**
[54] **REACTEUR D'OXYDO-REDUCTION SEQUENTIELLE POUR SYSTEME GC/FID DE REACTION POST-COLONNE**
[72] JONES, ANDREW, US
[71] ACTIVATED RESEARCH COMPANY, LLC, US
[85] 2017-08-23
[86] 2016-03-18 (PCT/US2016/023161)
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[51] **Int.Cl. H04L 12/16 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ASSOCIATING MESSAGES WITH MEDIA DURING PLAYING THEREOF**
[54] **SYSTEME ET PROCEDE D'ASSOCIATION DE MESSAGES AVEC UN CONTENU MULTIMEDIA, DURANT LA LECTURE DE CE CONTENU**
[72] VAKNIN, OFER, IL
[72] MOR, YOAV, IL
[71] SECOND SCREEN VENTURES LTD., IL
[85] 2017-08-24
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[25] EN
[54] **APPARATUS AND METHOD FOR CALCINATION OF GYPSUM**
[54] **APPAREIL ET PROCEDE DE CALCINATION DE GYPSE**
[72] NIIMI, KATSUMI, JP
[72] ENDO, KAZUMI, JP
[72] TAKENAKA, TAKESHI, JP
[72] NITOH, KOUJI, JP
[71] YOSHINO GYPSUM CO., LTD., JP
[85] 2017-08-24
[86] 2016-02-12 (PCT/JP2016/054065)
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[30] JP (2015-035905) 2015-02-25
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[51] **Int.Cl. G01N 21/00 (2006.01) G01N 21/31 (2006.01)**
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[54] **BODILY EMISSION ANALYSIS**
[54] **ANALYSE DE SUBSTANCE CORPORELLE**
[72] ATTAR, ISHAY, IL
[71] OUTSENSE DIAGNOSTICS LTD., CV
[85] 2017-08-24
[86] 2016-02-25 (PCT/IL2016/050223)
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[30] US (62/120,639) 2015-02-25

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[51] **Int.Cl. A47L 13/00 (2006.01) A47L 13/10 (2006.01) A47L 13/16 (2006.01) A47L 13/17 (2006.01) B24D 11/00 (2006.01)**
[25] EN
[54] **PROCESS FOR MANUFACTURING SCRUBBY SUBSTRATES AND SUBSTRATES MADE THEREFROM**
[54] **PROCEDE DE FABRICATION DE SUBSTRATS POUR FROTTER ET SUBSTRATS AINSI OBTENUS**
[72] WHITE, EDWARD JASON, US
[72] HUGLEY, SAMUEL, US
[71] THE CLOROX COMPANY, US
[85] 2017-08-23
[86] 2016-03-18 (PCT/US2016/023210)
[87] (WO2016/149646)
[30] US (62/134,774) 2015-03-18
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[51] **Int.Cl. A61B 5/0476 (2006.01) A61B 5/0484 (2006.01) A61B 10/00 (2006.01)**
[25] EN
[54] **PAIN MEASUREMENT DEVICE AND PAIN MEASUREMENT SYSTEM**
[54] **DISPOSITIF DE MESURE DE LA DOULEUR ET SYSTEME DE MESURE DE LA DOULEUR**
[72] NAKAE, AYA, JP
[71] OSAKA UNIVERSITY, JP
[85] 2017-08-24
[86] 2016-01-26 (PCT/JP2016/052145)
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[30] JP (2015-034466) 2015-02-24

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[51] **Int.Cl. G21G 7/00 (2009.01) G21F 9/00 (2006.01) G21F 9/06 (2006.01)**
[25] EN
[54] **A METHOD FOR CONVERTING ELEMENTS, SUCH AS CALCIUM, COPPER, MAGNESIUM, AND CESIUM, INTO MORE USEFUL ELEMENTS, AND A METHOD FOR MAKING RADIOACTIVE SUBSTANCES HARMLESS BY APPLYING THIS ELEMENT CONVERISON METHOD**
[54] **PROCEDE DE TRANSMUTATION D'ELEMENTS COMME LE CALCIUM, LE CUIVRE, LE MAGNESIUM OU LE CESIUM EN ELEMENTS PLUS UTILES, ET PROCEDE DE DETOXIFICATION DE SUBSTANCE RADIOACTIVE EN APPLIQUANT UNE TECHNIQUE DE TRANSMUTATION D'ELEMENTS**
[72] OMASA, RYUSHIN, JP
[71] JAPAN TECHNO CO., LTD., JP
[85] 2017-08-24
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[25] EN
[54] **OPHTHALMIC LENS HOLDER FOR PHYSICAL VAPOR DEPOSITION**
[54] **SUPPORT DE LENTILLE OPHTALMIQUE POUR LE DEPOT PHYSIQUE EN PHASE VAPEUR**
[72] BOULINEAU, MICHAEL S., US
[72] GOEBEL, SANDY, US
[72] CAMPBELL, GLENN M., US
[72] EGGART, KYLE, US
[72] MOXON, JOHN THOMAS, US
[72] MARSHALL, MICHAEL L., US
[71] VISION EASE, LP, US
[85] 2017-08-23
[86] 2016-03-25 (PCT/US2016/024287)
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[51] **Int.Cl. H02K 3/487 (2006.01)**
[25] EN
[54] **BRUSHLESS MOTOR AND ELECTRIC BICYCLE PROVIDED WITH THE SAME**
[54] **MOTEUR SANS BALAI ET BICYCLETTE ELECTRIQUE LE COMPRENANT**
[72] NAGATA, TOSHIHIKO, JP
[72] TAKAGI, YASUFUMI, JP
[72] SHIRAISHI, TOMONARI, JP
[71] YAMAHA MOTOR ELECTRONICS CO., LTD., JP
[85] 2017-08-24
[86] 2015-10-15 (PCT/JP2015/079190)
[87] (WO2016/136017)
[30] JP (2015-038558) 2015-02-27

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[13] A1
[51] **Int.Cl. A61B 8/10 (2006.01)**
[25] EN
[54] **DISPOSABLE EYEPIECE SYSTEM FOR AN ULTRASONIC EYE SCANNING APPARATUS**
[54] **SYSTEME D'OCULAIRE JETABLE POUR APPAREIL DE BALAYAGE OCULAIRE A ULTRASONS**
[72] HEATH, GARY, US
[72] LEVIEN, ANDREW K., US
[72] WATSON, JOHN D., US
[71] ARCSCAN, INC., US
[85] 2017-08-24
[86] 2015-02-24 (PCT/US2015/017213)
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[51] **Int.Cl. A61B 5/04 (2006.01) A61N 1/05 (2006.01) G05F 5/04 (2006.01) H04B 7/24 (2006.01)**
[25] EN
[54] **ANALYTE SENSOR**
[54] **CAPTEUR D'ANALYTE**
[72] DEHENNIS, ANDREW, US
[72] TANKIEWICZ, SZYMON, US
[72] WHITEHURST, TODD, US
[71] SENSEONICS, INCORPORATED, US
[85] 2017-08-24
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[25] EN
[54] **IMMUNOLOGICAL MEASUREMENT METHOD FOR L-FABP AND MEASUREMENT REAGENT USED IN SAID METHOD**
[54] **PROCEDE DE DOSAGE IMMUNOLOGIQUE DE L-FABP ET REACTIF DE DOSAGE UTILISE DANS LEDIT PROCEDE**
[72] KOBAYASHI, KOJI, JP
[72] MATSUMOTO, TAKUJI, JP
[72] YAMAMOTO, MITSUAKI, JP
[71] SEKISUI MEDICAL CO., LTD., JP
[85] 2017-08-24
[86] 2016-02-25 (PCT/JP2016/055576)
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[30] JP (2015-034951) 2015-02-25

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[51] **Int.Cl. A61K 39/23 (2006.01) C07H 21/04 (2006.01) C12N 15/00 (2006.01) C12Q 1/68 (2006.01) C12Q 1/70 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING, INCLUDING PREVENTING, PARVOVIRUS INFECTIONS AND RELATED DISEASES**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT ET DE PREVENTION DES INFECTIONS PAR PARVOVIRUS ET DES MALADIES ASSOCIEES**
[72] GHIM, SHIN-JE, US
[72] JENSON, A. BENNETT, US
[72] TRENT, JOHN O., US
[71] UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATON, INC., US
[85] 2017-08-24
[86] 2015-03-10 (PCT/US2015/019664)
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[51] **Int.Cl. F17C 5/06 (2006.01) F17C 13/02 (2006.01) F17C 13/04 (2006.01)**
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[54] **COMPRESSED GAS FILLING METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME DE REMPLISSAGE DE GAZ COMPRIME**
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[72] CLOYD, RONALD, US
[72] SALBERG, RYAN, US
[72] ZEPP, STEVE, US
[71] GILBARCO INC., US
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[54] **DERIVES DE PYRIMIDINE COMME INHIBITEURS DE KINASE ET APPLICATIONS THERAPEUTIQUES ASSOCIEES**
[72] TAO, CHUNLIN, US
[72] WANG, QINWEI, US
[72] NALLAN, LAXMAN, US
[72] HO, DAVID, US
[72] POLAT, TULAY, US
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[72] WEINGARTEN, PAUL, US
[71] NANTBIOSCIENCE, INC., US
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[54] **MULTI-SAMPLE DIFFERENTIAL VARIATION DETECTION**
[54] **DETECTION DE VARIATIONS DIFFERENTIELLES MULTI-ECHANTILLONS**
[72] BRUESTLE, JEREMY JOSEPH, US
[72] DREES, BECKY L., US
[71] SPIRAL GENETICS, INC., US
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[54] **SYSTEME MICROFLUIDIQUE A FLUX CONTINU**
[72] RAMSAY, EUAN, CA
[72] TAYLOR, ROBERT JAMES, CA
[72] LEAVER, TIMOTHY, CA
[72] WILD, ANDRE, CA
[72] OU, KEVIN, CA
[72] WALSH, COLIN, US
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
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[54] **LANCER DE RAYON ITERATIF POUR MISE A L'ECHELLE AUTOMATIQUE D'IONOGRAMMES OBLIQUES**
[72] CROWLEY, GEOFFREY, US
[72] DULY, TIMOTHY M., US
[72] WINKLER, CLIVE, US
[72] AZEEM, SYED IRFAN, US
[71] ATOMOSPHERIC AND APACE TECHNOLOGY RESEARCH ASSOCIATES, LLC, US
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[54] **SYSTEMES ET PROCEDES D'EMBALLAGE A L'EPREUVE DES ENFANTS**
[72] EVERETT, MUNSON WHITMAN, US
[71] EVERETT, MUNSON WHITMAN, US
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[54] **CONDENSATEUR AUTOREGENERATEUR ET SES PROCEDES DE PRODUCTION**
[72] KELLY-MORGAN, IAN S.G., US
[72] LAZAREV, PAVEL IVAN, US
[71] CAPACITOR SCIENCES INCORPORATED, US
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[54] **SYSTEMES ET PROCEDES POUR UN PRODUIT DE PATE POUVANT ETRE TRANSFERE D'UNE CHAMBRE DE FERMENTATION FROIDE A UN FOUR**
[72] ROBERTSON, DEREK, US
[71] ARYZTA LLC, US
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[54] **VIRAL VECTORS FOR PROPHYLAXIS AND THERAPY OF HEMOGLOBINOPATHIES**
[54] **VECTEURS VIRAUX POUR LA PROPHYLAXIE ET LA THERAPIE D'HEMOGLOBINOPATHIES**
[72] RIVELLA, STEFANO, US
[72] BREDA, LAURA, US
[72] DONG, ALISA, US
[72] BLOBEL, GERD, US
[72] DENG, WULAN, US
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[54] **METHODS AND APPARATUSES FOR IMPROVING MUTATION ASSESSMENT ACCURACY**
[54] **PROCEDES ET APPAREILS PERMETTANT D'AMELIORER LA PRECISION D'EVALUATION DE MUTATIONS**
[72] ZEIGLER, ROBERT, US
[72] WYLIE, DENNIS, US
[72] HAYNES, BRIAN, US
[72] LATHAM, GARY, US
[71] ASURAGEN, INC., US
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[54] **TECHNIQUES OF OSCILLATOR CONTROL FOR QUANTUM INFORMATION PROCESSING AND RELATED SYSTEMS AND METHODS**
[54] **TECHNIQUES DE COMMANDE D'OSCILLATEUR POUR UN TRAITEMENT D'INFORMATIONS QUANTIQUES ET SYSTEMES ET PROCEDES ASSOCIES**
[72] HEERES, REINIER, US
[72] VLASTAKIS, BRIAN, US
[72] ALBERT, VICTOR, US
[72] KRASTANOV, STEFAN, US
[72] JIANG, LIANG, US
[72] SCHOELKOPF, ROBERT J., III, US
[71] YALE UNIVERSITY, US
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[54] **CONTAINER WITH PIVOTING LATCH**
[54] **RECIPIENT AYANT UN ELEMENT DE VERROUILLAGE PIVOTANT**
[72] ARNOLD, DAVID ALAN, US
[72] HASE, GARY, US
[71] SONOCO DEVELOPMENT, INC., US
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[54] **RECEPTACLE DE CONTACT ELECTRIQUE POUR BARRES OMNIBUS ET BORNES DE LAME**
[72] BYRNE, NORMAN R., US
[72] KNAPP, ROBERT L., US
[72] MEEK, STEVEN K., US
[72] ANDREE, MATTHEW R., US
[72] BATTEY, DAVID J., US
[71] BYRNE, NORMAN R., US
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[72] ROBINSON, DAVID BRUCE, US
[72] WALLGREN, MARKUS, US
[72] YUAN, ROBERT A., US
[71] F. HOFFMANN-LA ROCHE AG, CH
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[54] **SEQUENCAGE A BASE DE NANOPORE AVEC STIMULUS DE TENSION VARIABLE**
[72] CHEN, ROGER J. A., US
[72] TIAN, HUI, US
[72] MANEY, BILL, US
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[54] **TECHNIQUES FOR UNIVERSAL QUANTUM CONTROL OF QUANTUM COHERENT STATES AND RELATED SYSTEMS AND METHODS**
[54] **TECHNIQUES DE CONTROLE QUANTIQUE UNIVERSEL D'ETATS QUANTIQUES COHERENTS ET SYSTEMES ET PROCEDES ASSOCIES**
[72] JIANG, LIANG, US
[72] SCHOELKOPF, ROBERT, J. III, US
[72] DEVORET, MICHEL, US
[72] ALBERT, VICTOR, US
[72] KRASTANOV, STEFAN, US
[72] SHEN, CHAO, US
[71] YALE UNIVERSITY, US
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[54] **COMPOSITIONS COMPRENANT DES COMBINAISONS DE CANNABINOIDES PURIFIES, AYANT AU MOINS UN FLAVONOIDE, TERPENE OU MINERAL**
[72] COOPER, JONATHAN MICHAEL, US
[72] LEVY, KURT ARON, US
[71] EBBU, LLC, US
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[25] EN
[54] **METHODS AND REAGENTS FOR PREDICTING PREDISPOSITION TO REFRACTIVE ERROR**
[54] **PROCEDES ET REACTIFS POUR PREDIRE UNE PREDISPOSITION A UNE ERREUR DE REFRACTION**
[72] NEITZ, JAY, US
[72] NEITZ, MAUREEN, US
[71] UNIVERSITY OF WASHINGTON, US
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[54] **EXTENSION D'ACTIONNEUR LINEAIRE POUR ENSEMBLE BARRIERE**
[72] BIRKERT, THOMAS C., US
[72] CHAN, SUNG YUN, US
[72] TRUMBO, NICHOLAS, US
[71] MUNCHKIN, INC., US
[85] 2017-08-23
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[25] EN
[54] **PYRIMIDINE DERIVATIVES AS KINASE INHIBITORS AND THEIR THERAPEUTICAL APPLICATIONS**
[54] **DERIVES DE PYRIMIDINE UTILISES EN TANT QU'INHIBITEURS DE KINASE, ET LEURS APPLICATIONS THERAPEUTIQUES**
[72] TAO, CHUNLIN, US
[72] POLAT, TULAY, US
[72] WEINGARTEN, PAUL, US
[72] NALLAN, LAXMAN, US
[72] ARP, FORREST, US
[72] WANG, QINWEI, US
[72] HO, DAVID, US
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[54] **UTILISATIONS D'UN ANALOGUE DE LA PTHRP POUR REDUIRE LE RISQUE DE FRACTURES**
[72] HATTERSLEY, GARY, US
[71] RADIUS HEALTH, INC., US
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[54] **COMPOSITION DE SOLUTION D'ADDITIF SUPERCONCENTREE**
[72] YANG, BO, US
[72] WOYCIESJES, PETER M., US
[72] GERSHUN, ALEKSEI V., US
[71] PRESTONE PRODUCTS CORPORATION, US
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[54] **METHODES DE TRAITEMENT DU CANCER**
[72] DASGUPTA, BIPLAB, US
[71] CHILDREN'S HOSPITAL MEDICAL CENTER, US
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[54] **MONTURE ANTI-ROTATION**
[72] ZEISE, STEPHEN W., US
[72] HAMRI, NAJAT, US
[72] WEAVER, JAMES H., US
[72] VAN EEDEN, TYLDEN, US
[72] ANDERSON, ROBERT D., US
[71] FLIR SYSTEMS, INC., US
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[54] **SYSTEME DE VERIN**
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[72] WOLTJER, LUKAS T., US
[71] K-LINE INDUSTRIES, INC., US
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[25] EN
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[54] **AGENTS BIO-ACTIFS INCLUS DANS L'AMIDON FONCTIONNALISE AYANT UNE STRUCTURE EN V A HELICE UNIQUE**
[72] CANH, LE TIEN, CA
[72] MATEESCU, MIRCEA-ALEXANDRU, CA
[71] B-ORGANIC FILMS CORP., CA
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[54] **TC-PTP INHIBITORS AS APC ACTIVATORS FOR IMMUNOTHERAPY**
[54] **INHIBITEURS DE TC-PTP EN TANT QU'ACTIVATEURS D'APC POUR L'IMMUNOTHERAPIE**
[72] TREMBLAY, MICHEL L., CA
[72] PENAFUERTE, CLAUDIA, CA
[72] FELDHAMMER, MATTHEW, CA
[72] ZOGOPOULOS, GEORGE, CA
[72] BLACK, CAMERON, CA
[72] CRANE, SHELDON, CA
[72] TRUONG, VOUY-LINH, CA
[72] KENNEDY, BRIAN, CA
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[54] **PROCEDE ET APPAREIL PERMETTANT DE DETERMINER UN PARAMETRE DE DIFFERENCE TEMPORELLE PARMI DES CANAUX SONORES**
[72] ZHANG, XINGTAO, CN
[72] MIAO, LEI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-08-25
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[54] **METHOD AND APPARATUS FOR DETERMINING INTER-CHANNEL TIME DIFFERENCE PARAMETER**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE DETERMINER UN PARAMETRE DE DIFFERENCE TEMPORELLE INTER-CANAUX**
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[72] MIAO, LEI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **SOUPAPE DE COMMUTATION, SYSTEME HYDRAULIQUE DE COMMUTATION ET GRUE**
[72] SHAN, ZENGHAI, CN
[72] WANG, SHOUWEI, CN
[72] REN, YINMEI, CN
[72] ZHAO, LEI, CN
[72] QI, HOUBAO, CN
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[71] XUZHOU HEAVY MACHINERY CO., LTD., CN
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[25] EN
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[54] **DISPOSITIF DE CINTRAGE DE BROCHE DE KIRSCHNER**
[72] ZHANG, WEIXING, CN
[72] WANG, XIAO, CN
[72] XIAO, YAN, CN
[71] ZHENGZHOU ZEZHENG TECHNICAL SERVICES LTD., CN
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[54] **DOMAINE FONCTIONNEL DE PROTEINE IRRE POUR AMELIORER LA CAPACITE ANTI-OXYDATION DE CELLULE ET APPLICATION ASSOCIEE**
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[72] KHOSRAVI SIMCHI, SEPIDEH, CA
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[72] RAZMARA, MAJID, CA
[72] ATKINS, M. STELLA, CA
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[54] **UNITE DE CYLINDRE A TAMBOUR, PROCEDE DE FIXATION D'ELEMENT DE COUPLAGE, ET UNITE A TAMBOUR**
[72] KAMOSHIDA, SHIGEMI, JP
[72] KIKUCHI, KEN, JP
[72] MIYAMOTO, JUN, JP
[72] MORI, TOMONORI, JP
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[54] **AGENT ANTITUMORAL CIBLANT MOLECULAIREMENT CKAP4**
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[72] KIMURA, HIROKAZU, JP
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[54] **PROCEDE DE PRODUCTION DE KAKEROMYCINE ET DE SES DERIVES**
[72] ISHIKAWA, TERUHIKO, JP
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[71] OP BIO FACTORY CO., LTD., JP
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[72] UENO, TAKAHITO, JP
[72] TAKEUCHI, TOSHIAKI, JP
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[54] **TUYAU EN ACIER, STRUCTURE DE TUYAU EN ACIER, PROCEDE DE FABRICATION ET PROCEDE DE CONCEPTION DE TUYAU EN ACIER**
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[54] **TERMINAL UTILISATEUR, SYSTEME DE COMMUNICATION SANS FIL ET PROCEDE DE COMMUNICATION SANS FIL**
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[71] NTT DOCOMO, INC., JP
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[54] **PROCEDE DE TRAITEMENT DE SURFACE DE FIL D'ACIER ET LIGNE DE TRAITEMENT DE SURFACE**
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[54] **COMPOSITION POUR LA PREVENTION OU LE TRAITEMENT DE LA CALCIFICATION DE VALVULE ET CONTENANT UN INHIBITEUR DE DPP-4**
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[54] **UNITE TAMBOUR, CARTOUCHE ET ELEMENT D'ACCOUPLEMENT**
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[54] **EMETTEUR ET PROCEDE DE PERMUTATION DE PARITE DE CELUI-CI**
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[72] KIM, KYUNG-JOONG, KR
[72] MYUNG, SE-HO, KR
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[54] **COUSSIN POUR UN DISPOSITIF D'INTERFACE PATIENT, MASQUE RESPIRATOIRE AYANT UN COUSSIN, AINSI QUE PROCEDE ET APPAREIL POUR CELUI-CI**
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[54] **SECURITY ARRANGEMENTS IN COMMUNICATION BETWEEN A COMMUNICATION DEVICE AND A NETWORK DEVICE**
[54] **AGENCEMENTS DE SECURITE DANS UNE COMMUNICATION ENTRE UN DISPOSITIF DE COMMUNICATION ET UN DISPOSITIF RESEAU**
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[72] SAHLIN, BENGT, FI
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[54] **SYSTEME D'INSPECTION POUR CABLE, TUYAU OU PASSAGES DE CABLES**
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[72] LANDQVIST, JORGEN, SE
[72] HILDINGSSON, ULF, SE
[71] ROXTEC AB, SE
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[54] **PROCEDES, SYSTEMES ET PRODUITS-PROGRAMMES INFORMATIQUES POUR LA NAVIGATION DE VEHICULES**
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[72] STEVENS, J. STEDMAN, US
[71] VU SYSTEMS, LLC, US
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[54] **PREFORMES A RAPPORT D'ETIRAGE ELEVE ET RECIPIENTS ET PROCEDES ASSOCIES**
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[72] GEORGE, PATRICK T., US
[72] BRUNSON, DAVID A., US
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[72] DECKER, OWEN H., US
[72] DUNCAN, PAMELA, US
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[72] MURRAY, SUSAN F., US
[72] SETH, PUNIT P., US
[72] MCCALEB, MICHAEL L., US
[72] FREIER, SUSAN M., US
[72] SINGH, PRIYAM, US
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[54] **TECHNIQUES FOR PRODUCING QUANTUM AMPLIFIERS AND RELATED SYSTEMS AND METHODS**
[54] **TECHNIQUES DE PRODUCTION D'AMPLIFICATEURS QUANTIQUES ET SYSTEMES ET PROCEDES ASSOCIES**
[72] SZOCS, LASZLO J., US
[72] NARLA, ANIRUDH, US
[72] HATRIDGE, MICHAEL, US
[72] SLIWA, KATRINA, US
[72] SHANKAR, SHYAM, US
[72] FRUNZIO, LUIGI, US
[72] DEVORET, MICHEL, US
[71] YALE UNIVERSITY, US
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[54] **PLATE-FORME DE PRODUCTION CHIMIQUE SOUPLE**
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[71] NOVOMER, INC., US
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[54] **MODULATION DE L'EXPRESSION DE L'APOLIPOPROTEINE C-III (APOCIII) DANS DES POPULATIONS TOUCHEES PAR LA LIPODYSTROPHIE**
[72] DIGENIO, ANDRES, US
[71] IONIS PHARMACEUTICALS, INC., US
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[54] **SYSTEMES D'IMAGERIE ET LEURS PROCEDES D'UTILISATION**
[72] SOBIERANSKI, ANTONIO CARLOS, BR
[72] DEMIRCI, UTKAN, US
[72] TEKIN, HUSEYIN CUMHUR, TR
[72] INCI, FATIH, US
[71] BRIGHAM AND WOMEN'S HOSPITAL, INC., US
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[54] **AGENTS DE COUPLAGE POUR L'EMISSION DE SIGNAUX ACOUSTIQUES ET MILIEUX DE COUPLAGE**
[72] FREIBURG, EVAN, US
[72] KRUSE, DUSTIN, US
[71] DECISION SCIENCES MEDICAL COMPANY, LLC, US
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[54] **MOLECULES PERTURBANT LA PYRUVATE KINASE M2 ET L'INTERACTION DE L'INTEGRINE ET LEURS UTILISATIONS**
[72] LIU, ZHI-REN, US
[72] LI, LIANGEIWEI, US
[72] ZHANG, YINWEI, US
[71] PRODA BIOTECH LLC, US
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[54] **SYSTEM AND METHOD FOR TREATING ITEMS WITH INSECTICIDE**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT D'ARTICLES A L'AIDE D'UN INSECTICIDE**
[72] OLSON, JOELLE, US
[72] TISCHLER, SHERRI, US
[71] ECOLAB USA INC., US
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[54] **DETERMINING ENERGY USAGE OF A RESIDENCE BASED ON CURRENT MONITORING**
[54] **DETERMINATION D'UTILISATION D'ENERGIE D'UNE RESIDENCE BASEE SUR UNE SURVEILLANCE DE COURANT**
[72] LACHMAN, BENJAMIN J., US
[72] KINNEY, ROBIN J., US
[71] POTENTIAL LABS, LLC, US
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[54] **NOYAU ABSORBANT JETABLE ET ENSEMBLE ABSORBANT JETABLE LE COMPRENANT, ET SON PROCEDE DE FABRICATION**
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[72] WRIGHT, ANDREW C., GB
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[54] **COMPOSES PYRAZOLE SUBSTITUES A UTILISER EN TANT QU'INHIBITEURS DE SERINE PROTEASE**
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[72] ESTIARTE-MARTINEZ, MARIA DE LOS ANGELES, US
[72] KITA, DAVID BEN, US
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[54] **MOLECULES A DOUBLE FONCTION POUR L'INHIBITION DE L'HISTONE DESACETYLASE ET L'ACTIVATION DE L'ATAXIE TELANGIECTASIE MUTEE ET PROCEDES D'UTILISATION ASSOCIES**
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[72] JUNG, MIRA, US
[72] BROWN, MILTON, US
[72] DRITSCHILO, ANATOLY, US
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[72] HENNIG, MARK KEVIN, US
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[54] **COMPOSITIONS ET METHODES D'UTILISATION DE L'HORMONE ANTI-MULLERIENNE POUR LE TRAITEMENT DE L'INFERTILITE**
[72] SEN, ARITRO, US
[72] GLEICHER, NORBERT, US
[72] KUSHNIR, VITALY A., US
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[72] STAUDERMAN, KENNETH, US
[72] DUNN, MICHAEL, US
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[71] BEIJING BOYUAN-HENGSHENG HIGH-TECHNOLOGY CO., LTD., CN
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[72] LABERGE, MICHEL GEORGES, CA
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[54] **SEQUENCAGE A BASE DE NANOPORE AVEC STIMULUS DE TENSION VARIABLE**
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[72] MANEY, BILL, US
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[72] KAWAKAMI, YUTAKA, JP
[71] SHIN NIPPON BIOMEDICAL LABORATORIES, LTD., JP
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[54] **STRUCTURE COMPRENANT UNE MEMBRANE LIQUIDE ET PROCEDE DE FABRICATION DE LADITE STRUCTURE**
[72] NYUU, KEISUKE, JP
[72] OKADA, YOSHIAKI, JP
[72] MIYAZAKI, TOMOYUKI, JP
[72] ASAKURA, MIKIO, JP
[72] AKUTSU, YOSUKE, JP
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[54] **SYSTEMES, APPAREILS ET PROCEDES BIOINFORMATIQUES EXECUTES SUR UNE PLATE-FORME DE TRAITEMENT A CIRCUITS INTEGRES**
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[72] HAHM, MARK, US
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[54] **UTILISATION DE CITRATE FERRIQUE DANS LE TRAITEMENT DE L'ANEMIE SIDEROPENIQUE**
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[72] SHEMESH, SHAY DAVID, US
[72] BENTSUR, RON, US
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[54] **PROTEINES MEMBRANAIRES HYDROSOLUBLES ET LEURS PROCEDES DE PREPARATION ET D'UTILISATION**
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[54] **PROCEDE ET SYSTEME POUR PURIFICATION SOUS-MARINE DE L'EAU PRODUITE PAR DES INSTALLATIONS SOUS-MARINES DE PRODUCTION DE PETROLE**
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[71] SEABED SEPARATION AS, NO
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[54] **THERAPIES POUR TUMEURS MALIGNES HEMATOLOGIQUES**
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[72] ULRICH, ROGER G., US
[72] GIESE, NEILL A., US
[71] GILEAD CALISTOGA LLC, US
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[54] **SYSTEME DE COMMUNICATION FACILITANT UN ENVIRONNEMENT CONTEXTUEL POUR UN UTILISATEUR REMPLISSANT DIFFERENTS AGENTS ROLES**
[72] PINARD, DEBORAH, CA
[71] INITLIVE INC., CA
[22] 2013-08-15
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[54] **FAUSSE CHANDELLE ET ENSEMBLE DE SIMULATION DE FLAMME ASSOCIE**
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[71] LI, XIAOFENG, CN
[22] 2016-05-12
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[62] 2,930,065
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[25] EN
[54] **METHODS AND SYSTEMS RELATING TO TIME LOCATION BASED EMPLOYEE MANAGEMENT SYSTEMS**
[54] **PROCEDES ET SYSTEMES LIES AUX SYSTEMES DE GESTION DES EMPLOYES FONDES SUR LA LOCALISATION ET LE TEMPS**
[72] EGGLESTON, YVES, CA
[71] PUNCHTIME INC., CA
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[41] 2015-06-05
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[54] **MASS SPECTROMETER INTERFACE**
[54] **INTERFACE POUR SPECTROMETRE DE MASSE**
[72] JOLLIFFE, CHARLES, CA
[72] JAVAHERY, GHOLAMREZA, CA
[72] COUSINS, LISA, CA
[71] PERKINELMER HEALTH SCIENCES CANADA, INC., CA
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[54] **IMPLICITLY CERTIFIED DIGITAL SIGNATURES**
[54] **SIGNATURES NUMERIQUES CERTIFIEES IMPLICITEMENT**
[72] KRAVITZ, DAVID WILLIAM, US
[72] ZAVERUCHA, GREGORY MARC, CA
[72] BROWN, DANIEL RICHARD L., CA
[71] CERTICOM CORP., CA
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[54] **WORD-LEVEL CORRECTION OF SPEECH INPUT**
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[72] LEBEAU, MICHAEL J., US
[72] BYRNE, WILLIAM J., US
[72] JITKOFF, JOHN NICHOLAS, US
[72] BALLINGER, BRANDON M., US
[72] KRISTJANSON, TRAUSTI, US
[71] GOOGLE INC., US
[22] 2011-01-05
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[54] **INDICATIONS D'UN SYSTEME MONDIAL DE LOCALISATION (GPS) SIMILAIRE A L'HOMME**
[72] KARUMURI, RAM SUMAN, US
[71] FACEBOOK, INC., US
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[54] **DISPOSITIF ET PROCEDE DE REMPLISSAGE CONTROLE ET NON-CLASSIFIE**
[72] PY, DANIEL, US
[71] DR. PY INSTITUTE, LLC, US
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[54] **RESEAU DE COMMUTATION ENTRAINABLE A AUTO-ALIMENTATION**
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[72] BOYD, CLARK DAVIS, US
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[54] **BEVERAGE DISPENSE VALVE CONTROLLED BY WIRELESS TECHNOLOGY**
[54] **ROBINET DISTRIBUTEUR DE BOISSONS CONTROLE PAR UNE TECHNOLOGIE SANS FIL**
[72] SEGIET, WILLIAM W., US
[72] GRAY, ALEX L., US
[72] UBIDIA, FERNANDO A., US
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[72] LEWIS, JOHN F., US
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[54] **ARMOIRE A BOUE ET ADAPTATEURS**
[72] HULL, ERIC G., US
[72] RIEDY, CHARLES H., US
[72] GUDIN, ROBERT M., US
[71] THE LAMSON & SESSIONS CO., US
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[54] **INHALER**
[54] **INHALATEUR**
[72] MELINIOTIS, ANDREAS, AE
[72] EASON, STEPHEN, GB
[72] CLARKE, ROGER, GB
[72] MCGUINNESS, LIAM, GB
[71] VECTURA DELIVERY DEVICES LIMITED, GB
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[54] **SIEGE MOBILE CONFIGURE POUR EFFECTUER DES MOUVEMENTS DE TANGAGE ET ROULIS**
[72] GARVIS, ANDREW W., US
[72] WILHELM, DENNIS P., US
[72] JOHNSON, RICHARD E., US
[72] LANSRUD, STEVEN G., US
[71] INDUSTRIAL SMOKE & MIRRORS, INC., US
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[54] **PROCEDE DE PRODUCTION D'ACIDES GRAS POLYINSATURES DANS DES PLANTES**
[72] CIRPUS, PETRA, DE
[72] RENZ, ANDREAS, DE
[72] LERCHL, JENS, DE
[72] KUIJPERS, ANNE-MARIE, DE
[71] BASF PLANT SCIENCE GMBH, DE
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[54] **SYSTEME DIAGNOSTIC NON INVASIF**
[72] MAHFOUZ, MOHAMED RASHWAN, US
[72] WASIELEWSKI, RAY C., US
[72] KOMISTEK, RICK, US
[71] JOINTVUE, LLC, US
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[54] **COMPUTER SYSTEM FOR PROVIDING INFORMATION ABOUT THE RISK OF AN ATYPICAL CLINICAL EVENT BASED UPON GENETIC INFORMATION**
[54] **SYSTEME INFORMATIQUE FOURNISSANT DE L'INFORMATION SUR LE RISQUE D'UN EVENEMENT CLINIQUE ATYPIQUE SUR LA BASE D'INFORMATION GENETIQUE**
[72] HOFFMAN, MARK A., US
[72] MCCALLIE, DAVID P., JR., US
[71] CERNER CORPORATION, US
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[41] 2002-10-31
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[54] **UTILISATION DE CHAPERONS MOLECULAIRES POUR AUGMENTER LA FABRICATION DE PROTEINES SECRETEES RECOMBINANTES DANS LES CELLULES MAMMALIENNES**
[72] CHAN, SHAM-YUEN, US
[72] TANG, HSINYI YVETTE, US
[72] TAO, YIWEN, US
[72] WU, YONGJIAN, US
[72] KELLY, RUTH, US
[71] BAYER PHARMACEUTICALS CORPORATION, US
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[54] **AIGUILLE DE SUTURE ARQUEE**
[72] MEADE, JOHN C., US
[72] AHO, JOHN, US
[72] BASKE, ROGER, US
[72] BLECK, JAMES H., US
[72] CARLSON, JOHN F., US
[72] EAGAN, THOMAS, US
[72] HELANDER, MICHAEL J., US
[72] MURRAY, JAMES W., US
[72] PERKINS, ASHLEY, US
[72] SHAKAL, WAYNE A., US
[72] BRECHER, GERLAD L., US
[72] TOWLE, JONATHAN, US
[71] ENDOEVOLUTION, LLC, US
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[30] US (61/388,648) 2010-10-01
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[54] **AIGUILLE DE SUTURE ARQUEE**
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[72] BLECK, JAMES H., US
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[72] EGAN, THOMAS, US
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BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM 2,767,236
BODSON, OLIVIER JACQUES F.J.G. 2,741,484
BOEDECKER, VOLKER 2,539,461
BOEHLER SCHMIEDETECHNIK GMBH & CO. KG 2,803,431
BOEHRINGER INGELHEIM INTERNATIONAL GMBH 2,780,858
BOGDANSKI, SHARON 2,910,298
BOGGS, BRYAN 2,836,581
BOGUE, BEUFORD A. 2,731,000
BOHMANN, PAMELA 2,814,555
BOHMER, WILLIAM 2,836,486
BOMKE, JOERG 2,775,475
BONNARDEL, PIERRE-ANTOINE 2,915,221
BOOM, ANTHONY S. 2,822,567
BOROS, JOZEF 2,892,565
BOUS, JOSEPH 2,649,743
BOYD, JAMES WILLIAM 2,907,381
BOYLE, DAVID 2,531,926
BRAHM, LUTZ 2,764,917
BRAMMER, THOMAS 2,766,785
BRANDT ENGINEERED PRODUCTS LTD. 2,875,511
BRANNAN, JOSEPH D. 2,832,595
BRAUN, RAINER 2,903,321
BREANT, PHILIPPE 2,780,861
BREUER, MICHAEL 2,894,480
BRIAN, BEN F., III 2,840,826
BRIGHTPATH BIOTHERAPEUTICS CO., LTD. 2,927,770
BRISTOL-MYERS SQUIBB COMPANY 2,772,616
BRISTOL-MYERS SQUIBB COMPANY 2,871,650
BRITTON, CLAUDIA E. 2,829,489
BRONDT, GARY W. 2,684,050
BROSE, JENS 2,755,991
BROWN, JOANNA KATHARINE 2,745,646
BROWN, RAYMOND A. 2,684,050
BROWNE, AIDAN 2,876,317
BRUGGER, NADIA 2,770,155
BRUNNERT, DAVID 2,791,599
BRUTLAG, BRYAN A. 2,894,763
BRYAN, AU KIN FO 2,833,264
BUCHSTALLER, HANS-PETER 2,775,475
BUETTELMANN, BERND 2,898,534
BUHLER, PETER 2,926,128
BUILDING MATERIALS INVESTMENT CORPORATION 2,720,722
BULBUC, DANIEL 2,870,910
BULBUC, DANIEL 2,918,517
BUNDA, SEVERA 2,846,382
BUNDY, JOSEPH 2,862,671
BUNDY, JOSEPH C. 2,901,752
BUNGE, FRIEDHELM 2,768,217
BURGERS, JOHN G. 2,801,607
BURGUETE ARCHEL, EDUARDO 2,894,127
BURKE, PATRICK J. 2,723,197
BURKE, SEAN M. 2,769,102
BURTON, SCOTT A. 2,769,102
BUSCHMANN, MICHAEL 2,847,220
BUSELLI, OSCAR LAWRENCE 2,705,429
BYRNE, NORMAN R. 2,783,123
BYSTROEM, INGER 2,784,981
BYWATERS, GARRETT 2,775,415
C. ED. SCHULTE GESELLSCHAFT MIT BESCHRANKTER HAFTUNG ZYLINDERSCHLOSSFABRIK 2,767,136
C2N DIAGNOSTICS 2,745,839
CAE INC. 2,847,863
CAIN, CHARLES 2,770,452
CALERA CORPORATION 2,836,581
CAMCHONG, MARIO A. 2,775,486
CAMERON, MARTE GRONLIE 2,840,856
CAMPBELL, MELANIE SUE 2,834,994
CAMPBELL, ROBIN L. 2,869,837
CANADA PIPELINE ACCESSORIES, CO. LTD. 2,839,226
CAO, MAGGIE 2,761,478
CARD, RANDY A. 2,858,645
CARDAMONE, DAVID P. 2,890,301
CAREFUSION 203, INC. 2,531,926
CARL FREUDENBERG KG 2,914,220
CARLONE, MARCO 2,728,111
CARLS, ANNE 2,594,265
CARLSON, MARK 2,692,342
CARLSON, SCOTT 2,676,118
CARRUTHERS, DONALD IAN 2,794,510
CARTAGE, THIERRY 2,741,484
CARTER FUEL SYSTEMS, LLC 2,849,251
CARTER, JASON LEE 2,752,883
CARUSO, CATHLEEN D. 2,932,238
CASE WESTERN RESERVE UNIVERSITY 2,764,695
CASKEY, SASHA PORTO 2,717,504
CASPER, DANIEL 2,704,131
CASTLE, GEORGE L. 2,752,088
CCI THERMAL TECHNOLOGIES INC. 2,900,777
CCL LABEL, INC. 2,932,238
CECCARELLI, SIMONA M. 2,898,534
CEDILLO RAMIREZ, JUAN CARLOS 2,872,381
CENAC, FRANCOIS 2,769,668
CERAVISION LIMITED 2,803,586
CHALLA, PRABHAKAR 2,724,532
CHAN, KWAN CHEE 2,780,016
CHAN, RYAN LEI HIN 2,765,235
CHAN, WING-SHUN 2,767,687
CHANDAN, VANDANA 2,762,366
CHANG, DUCY 2,743,108
CHARRIERE, CHRISTOPHE 2,812,284
CHAUSSON, SOPHIE 2,915,221
CHEASTY, JOHN DYLAN 2,765,235
CHEF'N CORPORATION 2,788,353
CHEN, BO 2,899,532
CHEN, PO YANG 2,771,950
CHEN, XI 2,767,236
CHENG, KEI 2,869,301
CHENG, LONGWU 2,840,278
CHERCHI, PIERPAOLO 2,792,731
CHERUBINI, GIOVANNI 2,765,148
CHEUNG, MATTHEW 2,845,242
CHEVALIER, KRISTEN M. 2,759,614
CHIA, CHING KING 2,740,881
CHIA, CHING KING 2,913,681
CHICH, ADEM 2,720,722
CHILDS, DAVID 2,918,517
CHIN, LAWRENCE 2,761,478
CHINEN, TORU 2,794,890
CHIU, WAI KWUN ROSSA 2,780,016
CHOE, JEEHYUN 2,835,621
CHOE, JEEHYUN 2,844,361
CHOE, JEEHYUN 2,881,141
CHOI, JAE SUNG 2,864,896
CHOI, YEONUK 2,838,901
CHONO, HIDEHARU 2,833,474
CHOWDHURY, MOFAZZAL H. 2,805,288
CHRISTENSEN, ULF BECH 2,645,136
CHRISTIN, OLIVIER 2,847,863

CHUJOH, TAKESHI 2,847,296
CHUNG, KENG 2,918,517
CIRCULITE, INC. 2,787,641
CISCO TECHNOLOGY, INC. 2,708,767
CJ 4DPLEX CO., LTD 2,864,896
CLARKE, DAVID 2,752,883
CLARKSON, HUGH 2,809,026
CLEMENTE, JOSE 2,759,614
CLEMENTE, THEODORE, JR. 2,731,000
COAKLEY, JOSEPH 2,760,610
COCHRAN, REBECCA 2,766,785
CODMAN & SHURTLEFF, INC. 2,539,461
COLE, ERIC V. 2,889,676
COLEY, KELLY, ANN 2,812,666
COLGATE-PALMOLIVE COMPANY 2,927,624
COLLINS, BRETT R. 2,854,117
COLLYER, BRENT 2,957,852
COLLYER, BRENT 2,957,864
COMANIUK, PAUL 2,878,876
COMANIUK, RYAN 2,878,876
COMPLEAT LLC 2,765,247
COMPUMEDICS MEDICAL INNOVATION PTY LTD 2,770,107
CONNOLLY, PETER J. 2,759,614
CONSONNI, FABRIZIO 2,766,969
CONSTANT, MICHAEL 2,777,171
CONTE, AURELIA 2,898,534
COOPER, EMILY 2,737,378
COQUILLEAU, LAURENT 2,679,812
CORE, IAN M. 2,962,564
CORN PRODUCTS DEVELOPMENT, INC. 2,711,336
CORTEZ, JEROME LIM 2,957,852
CORTEZ, JEROME LIM 2,957,864
COSTIN, DANIEL 2,775,415
COTE, BRADLEY R. 2,717,484
COTTIER, JOHN SYDNEY 2,710,496
COUCH, BRYAN 2,840,236
COURBOIS, VINCENT 2,755,666
COUTELOU, OLIVIER 2,727,593
COVIDIEN LP 2,761,199
COVIDIEN LP 2,832,595
COWEN, DECEMBER ROSE 2,710,496
CRIPPS, BRIAN M. 2,802,259
CRODA INTERNATIONAL PLC 2,756,758
CRODA, INC. 2,756,758
CROOKSTON, LAWRENCE A. 2,689,811
CROSSWING INC. 2,684,192
CRUISE, GREGORY 2,777,171
CRUZ, ROBERT T. 2,754,537
CUSHING, ERIC J. 2,932,238
CZARNOWSKI, JAMES TAYLOR 2,953,968
DAELMAN, MANUEL 2,780,858
DAHLEN, DENNIS 2,676,118
DANA CANADA CORPORATION 2,801,607
DANA-FARBER CANCER INSTITUTE, INC. 2,676,292
DANFORTH, WILLIAM 2,775,415
DAQING PETROCHEMICAL ENGINEERING CO., LTD 2,840,278
DAROSZEWSKI, JANUSZ 2,771,204
DART INDUSTRIES INC. 2,829,000
DART INDUSTRIES INC. 2,839,852
DAS, TAPAN KANTI 2,600,434
DATO, REMEDIOS 2,639,302
DAUGELA, DARCY 2,870,910
DAVEY, WALTER EDWARD SOMERVILLE 2,794,510
DAVIES, JAMES 2,898,954
DAVIS, ROBERT RICHARD 2,687,934
DAVISON, THOMAS W. 2,770,452
DE BEERS UK LTD 2,767,745
DE QUEVEDO, WILLIAM GARCIA 2,772,915
DEBRAY, SAUMYA K. 2,860,223
DECOUSTICS LIMITED 2,798,897
DEERBERG, JENS 2,914,220
DEERE & COMPANY 2,737,824
DEGREEVE, JASON ALEXANDER 2,911,112
DEIRINGER, GUENTHER 2,770,802
DEIRMENGIAN, CARL R. 2,890,301
DEL SOLAR, MARIA ALEXANDRA 2,833,264
DELANEY, CHRISTOPHER 2,634,605
DELAVIZ, YADOLLAH 2,766,785
DELERIS, MICHEL 2,769,668
DENEEN, TOM 2,844,940
DENG, YONGHONG 2,772,386
DENGER, MARCUS 2,814,555
DENTSPLY INTERNATIONAL, INC. 2,843,318
DENTSPLY INTERNATIONAL, INC. 2,867,032
DEO, INDRANI 2,781,759
DEON, DANIEL H. 2,871,650
DESHANO, BRIAN H. 2,773,828
DESHPANDE, PRASAD KESHAV 2,904,079
DEUEL, DONALD R. 2,561,536
DEVILLE, JAY PAUL 2,889,523
DEVRIES, DOUGLAS F. 2,531,926
DEXTRADEUR, ALAN J. 2,539,461
DHARWADA, PALLAVI 2,729,478
DI PAOLA, FRANCO 2,712,952
DI PAOLA, FRANCO 2,713,284
DICK, CLAYTON PAUL 2,771,204
DICKOUT, LEIGH 2,900,777
DIETRICH, TREVOR 2,712,015
DILLIGAN, MATTHEW ANTHONY 2,818,108
DINGLER, GUNTHER 2,736,791
DINH, CONG THANH 2,851,846
DISPLAY MATRIX CORPORATION 2,836,486
DITTMAR, JAN 2,772,268
DIXIE CONSUMER PRODUCTS LLC 2,738,487
DIXON, DAN KENNETH 2,787,031
DIXON, KEVIN 2,712,015
DNESTRIANSCHII, LUCIEN 2,878,876
DOBI, STEVAN 2,806,967
DORSCH, DIETER 2,760,844
DORSCHNER, TERRY A. 2,874,615
DOSATRON INTERNATIONAL 2,812,284
DOSKOCZYNSKI, WILLIAM 2,594,265
DOUGLAS MACHINE INC. 2,740,243
DOW AGROSCIENCES LLC 2,758,727
DOW GLOBAL TECHNOLOGIES LLC 2,767,236
DOW GLOBAL TECHNOLOGIES LLC 2,768,217
DOW GLOBAL TECHNOLOGIES LLC 2,773,828
DOW, PHILIP JAMES 2,953,968
DOWHY, MARK S. 2,733,809
DR. PY INSTITUTE, LLC 2,907,335
DRABANT, STEPHEN J. 2,738,487
DRANE, MARK R. 2,891,271
DRURY, STEPHEN 2,898,954
DUBE, LAURENCE 2,871,650
DUDDING, ASHLEY T. 2,957,852
DUDDING, ASHLEY T. 2,957,864
DUDOCHKIN, EGOR 2,891,579
DUFLOT, PIERRICK 2,755,666
DUNCAN, DARYL L. 2,901,752
DUNCAN, IAIN W. 2,730,377
DUNOYER, REMI 2,710,496
DUOJECT MEDICAL SYSTEMS INC. 2,836,341
DURANT, BRIAN 2,738,487
DUREZ CORPORATION 2,898,419
DUROCHER, ERIC 2,699,938
DUROCHER, ERIC 2,715,596
DUROCHER, ERIC 2,715,600
DUROCHER, ERIC 2,715,604
DUSELIS, STEVEN 2,710,496
DUVENECK, ERIC JENS 2,797,434
DWYER, GARY E. 2,720,226
E. I. DU PONT DE NEMOURS AND COMPANY 2,774,016
E. I. DU PONT DE NEMOURS AND COMPANY 2,779,908
E.I. DU PONT DE NEMOURS AND COMPANY 2,769,245
EASTON, KURT 2,731,000
EATON CORPORATION 2,675,581
EATON, DAVID F. 2,818,849
EBAY INC. 2,856,869
EBELING, CARLA 2,727,933
ECOM MED., INC. 2,697,829
EDDY, AARON 2,689,756
EDGEWELL PERSONAL CARE CANADA, ULC 2,833,264
EDWARDS LIFESCIENCES IPRM AG 2,679,190
EFAFLEX INZENIRING D.O.O. LJUBLJANA 2,869,540
EG CROP SCIENCE, INC. 2,872,128
EIHUSEN, JOHN A. 2,751,453
EINI, MEIR 2,857,889
EIRICH, THOMAS 2,926,128
EISENHUT, ANDREAS 2,914,220
EISENMANN AG 2,736,791
EL SHEIKH, SHERIF 2,777,152
EL-SAEED, OMER 2,761,874
ELECTRO POWER SYSTEMS S.P.A. 2,792,731
ELLIOTT, CARRIE MARIE 2,600,434

ELMETT, SARA J. 2,735,389
EMDE, ULRICH 2,775,475
EMPL, GUNTER 2,892,744
ENDO, YOSHIHISA 2,878,556
ENDRESS + HAUSER WETZER GMBH + CO. KG 2,872,111
ENDRESS+HAUSER GMBH+CO.KG 2,742,228
ENGLER-COOPER, CHRISTINE 2,870,910
ENOMOTO, HIDETO 2,890,820
ENTWISLE, PHILIP JAMES 2,691,205
EPPLER, WOLFGANG 2,892,744
ERDLE, ANJA 2,772,268
ERNSTING, MARK J. 2,701,186
ERRICKSON, RICHARD 2,676,118
ESDAR, CHRISTINA 2,775,475
ESFAND, ROSEITA 2,701,186
ESPINOSA, ALEX 2,772,915
ESTES, LARRY D. 2,729,454
ETHICON, INC. 2,741,565
EUROSPEC MANUFACTURING INC. 2,782,890
EVANS, GARETH JAMES STREET 2,754,232
EVANS, OWEN R 2,877,391
EVONIK ROEHM GMBH 2,814,555
EXELUS, INC. 2,812,666
F. HOFFMANN-LA ROCHE AG 2,898,534
FACEBOOK, INC. 2,855,205
FACEBOOK, INC. 2,913,258
FAEHLE, MATTHIAS 2,679,190
FALCK, JOHN R. 2,702,992
FALLONE, GINO B. 2,728,111
FAN, FENGTANG 2,840,278
FANG, JIAN 2,793,584
FARLEY, DOUGLAS BRIAN 2,880,944
FARLEY, DOUGLAS BRIAN 2,891,579
FARNAN, ROBERT C. 2,787,641
FASULLO, LUCIANO 2,865,111
FAULKNER, ALLAN 2,741,822
FEIGEL, KURT R., JR. 2,706,500
FEINSTEIN, JONATHAN JAY 2,950,383
FELIX, BRENT A. 2,736,891
FERRAZZINI, AXEL 2,752,883
FERRUSQUIA HERNANDEZ, CARLOS 2,960,660
FIDIA S.P.A. 2,784,720
FINCK, WILLIAM 2,759,858
FINISHING BRANDS HOLDINGS INC. 2,883,937
FIORE, SUSAN RENATA 2,901,752
FISCHER, GERD 2,909,319
FISHER, KENNETH ALLEN 2,862,671
FISHER, STEVEN 2,927,624
FLANAGAN, JOHN 2,704,131
FLIPP CORPORATION 2,845,242
FLORES, CHRISTOPHER M. 2,759,614
FOAMIX PHARMACEUTICALS, LTD. 2,857,889
FONG, HAO 2,911,888
FORRESTER, NICOLE 2,910,298
FOSSATI, ERNESTO 2,954,198
FOUGERE, RICHARD J. 2,769,025
FOUKES, RICHARD 2,834,994
FOUTCH, DAVID WILLIAM 2,818,108
FRANCESE, CARLA 2,784,720
FRANCIS, JEFF 2,845,242
FRANZ, WALTER 2,857,865
FRANZMANN, KARL 2,712,070
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,778,889
FRIEDMAN, DORON 2,857,889
FRILOT, MELISSA A. 2,791,599
FRIPP, MICHAEL LINLEY 2,856,828
FRITCHIE, PATRICK 2,742,338
FROEHLICH, GORD 2,750,340
FUDE (BEIJING) CHEMICAL & INDUSTRY CO., LTD 2,840,278
FUHRMAN, BRADLEY P. 2,733,809
FUJINUMA, SACHI 2,938,010
FUJITA, KAZUHIRO 2,896,212
FUJITSU LIMITED 2,778,486
FUNK, DEAN F. 2,683,539
FURGUT, HELENA 2,872,111
FUSI, ROBERT W., II 2,769,025
FUTAMURA KAGAKU KABUSHIKI KAISHA 2,811,279
GAGNON, MARC 2,871,650
GAINEY, JR., CHARLES 2,701,086
GALLATIN, W. MICHAEL 2,743,642
GALLI, RETO 2,776,124
GALLOWAY, CURTIS C. 2,786,447
GALLUSSER, DAVID 2,720,337
GAMAGE, PUBUDU HASANKA 2,889,523
GAMBIER, PHILIPPE 2,679,812
GANO, JOHN CHARLES 2,856,828
GAO, YONG 2,867,032
GARCIA FLORES, BLANCA ESTELA 2,872,381
GARNER, CHAD 2,807,570
GASPAROTTO, MARCUS VINICIUS 2,771,351
GATES, ROGER 2,712,952
GAUDETTE, SEAN L. 2,848,420
GAUKER, ANDREW 2,754,537
GAWANDE, PURUSHOTTAM 2,750,340
GAWRYLA, MATTHEW D. 2,764,695
GEDIK, BUGRA 2,755,317
GENERAL ELECTRIC COMPANY 2,609,856
GENERAL MILLS IP HOLDINGS II, LLC 2,683,539
GENERAL MILLS, INC. 2,693,171
GERARDIN, EMILIE 2,915,221
GERBAULET, ARNAUD 2,824,099
GERGES, IHAB EDWARD 2,801,607
GERKES, MARTIN DANIEL 2,798,897
GEWEHR, MARKUS 2,764,917
GEYERSBERGER, STEFAN 2,778,889
GHEZZO, EDOARDO 2,784,720
GIANOLIO, GIUSEPPE 2,792,731
GIBBONS, DAVID L. 2,892,565
GIESE, NEILL A. 2,743,642
GIESECKE & DEVRIENT GMBH 2,743,408
GIL, ALEX L. 2,678,573
GILBERT, THOMAS J. 2,769,102
GILEAD CALISTOGA LLC 2,743,642
GILLIAM, RYAN J. 2,836,581
GILLIS, RUSSEL VINCENT 2,782,890
GINSBERG, STEVEN 2,594,265
GIRODET, PIERRE 2,780,861
GIROUX, RICHARD L. 2,869,837
GIUFFRIDA, FRANK 2,821,780
GIZAW, YONAS 2,879,389
GLADWIN, ROBERT JOHN 2,764,917
GLEESON, JAMES ALBERT 2,710,496
GOETZ, FREDERICK J., JR. 2,818,849
GOETZ, FREDERICK J., SR. 2,818,849
GOLBERG, CHRISTIAN 2,780,858
GOLTA, KAREL 2,594,265
GONZALEZ, BERNARD A. 2,769,102
GOOGLE, INC. 2,624,545
GORER, ALEXANDER 2,836,581
GORRELL, BRIAN EARL 2,883,937
GORSCHLUETER, JOERG 2,916,123
GOSSELIN, DANIEL 2,847,863
GOTHOSKAR, PRAKASH 2,708,767
GRAHAM, WILLIAM, DOUGLAS 2,737,824
GRAMER, ANDREAS 2,894,480
GRANDE, WILLIAM J. 2,697,829
GRATZKI, TORSTEN 2,914,220
GRAY, ROBERT 2,821,780
GREBINSKI, JAMES W. 2,772,616
GREINER, DAN 2,701,086
GRIEBEL, JONATHAN M. 2,693,171
GRIMM, CEDRIC 2,776,124
GRIVAS, NICOLAS 2,715,604
GROSS, STEPHEN M. 2,759,275
GUANGXI JUNFUHUANG GROUND SOURCE HEAT PUMP CO., LTD 2,829,412
GUANGXI UNIVERSITY 2,829,412
GUILDLINE INSTRUMENTS LIMITED 2,885,445
GUILLORY, JEREMY J. 2,899,178
GUNNARSSON, LARS 2,777,452
GUNTER, CHARLES E. 2,906,866
GUPTA, RAMJI 2,876,317
GUPTA, SHYAM K. 2,846,898
GUTHRIE, BRIAN 2,741,822
GUY, JULIA 2,871,650
GYRODATA, INCORPORATED 2,794,510
HADEN, EGON 2,764,917
HAERD, TORLEIF 2,721,156
HAGIWARA, ISAO 2,833,474
HAHN, MICHAEL 2,777,152
HAJOVY, IVAN 2,693,171
HALIM, NAGUI 2,755,317
HALL, JOHN ADRIAN 2,881,625
HALLIBURTON ENERGY SERVICES, INC. 2,856,828
HALLIBURTON ENERGY SERVICES, INC. 2,877,309
HALLIBURTON ENERGY SERVICES, INC. 2,881,625

HALLIBURTON ENERGY SERVICES, INC. 2,888,762
HALLIBURTON ENERGY SERVICES, INC. 2,889,523
HALLIBURTON ENERGY SERVICES, INC. 2,896,252
HALLIBURTON ENERGY SERVICES, INC. 2,927,748
HALLIBURTON, JAMES 2,771,100
HAN, JAMES K. 2,844,845
HANGAUER, DAVID G., JR. 2,703,615
HANKOOK TECHNOLOGY INC. 2,928,103
HANSA MEDICAL PRODUCTS, INC. 2,760,889
HARBIGE, LAURENCE 2,712,070
HARDEN, DANIEL K. 2,932,238
HARI, SANTOSH 2,775,486
HARIHARAN, MADHU 2,731,000
HARKINS, ROBERT A. 2,769,102
HARRISON, BLAIR A. 2,762,366
HARRISON, JOSHUA DAVID KENNETH 2,891,515
HART, AMY 2,772,616
HART, DANIEL R. 2,891,341
HASE, YASUHIRO 2,892,044
HASHEM, GHAZI J. 2,791,599
HASHIMOTO, EIJI 2,833,474
HATANO, KAZUHIRO 2,897,470
HATANO, KAZUHIRO 2,898,409
HAWLEY, KENNETH N. 2,932,238
HAY, RICHARD THOMAS 2,927,748
HAYAKAWA, TADASHI 2,875,393
HE, DAKE 2,822,925
HEDLEY, JAY E. 2,516,675
HEILIG, TOBIAS 2,884,674
HELLER, LISA 2,701,086
HELLMUTH, OLIVER 2,778,889
HELVEY, AMY M. 2,858,645
HENDRICKSON USA, L.L.C. 2,957,852
HENDRICKSON USA, L.L.C. 2,957,864
HENKEL IP & HOLDING GMBH 2,717,688
HERMAN, MICHAEL W. 2,735,389
HERMAN, PETER 2,765,247
HERMANN, RETO 2,926,128
HERRE, JUERGEN 2,778,889
HERRMANN, AMY T. 2,891,913
HERRMANN, FRANK 2,780,858
HERRMANN, JOHN E. 2,891,913
HERSCHE, ANDREAS 2,844,845
HERSHGOLD, DAVID A. 2,736,891
HEXAGON TECHNOLOGY AS 2,751,453
HIBI, KEITA 2,811,279
HIHN, ERWIN 2,736,791
HILGENDROF, DENNIS J. 2,889,460
HELPERT, LEE 2,901,319
HINEK, ALEKSANDER 2,846,382
HISAMITSU PHARMACEUTICAL CO., INC. 2,833,474
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NEITZ, JAY 2,747,969
NEITZ, MAUREEN 2,747,969
NELSON, CHRISTINE D. 2,895,958
NELSON, ERIC R. 2,932,238
NEMA, SANDEEP 2,600,434
NESTEC S.A. 2,787,031
NESTEC S.A. 2,824,099
NEUMEDICS 2,730,377
NEVELING, MARIANNE 2,743,408
NEWHOUSE, NORMAN L. 2,751,453
NEWMAN, CHRISTIAN M. 2,727,933
NEWSOUTH INNOVATIONS PTY LIMITED 2,785,044
NEXUS MEDICAL, LLC 2,881,294
NG, BOON LOONG 2,755,751
NG, CHIN-YEE 2,769,102
NGUYEN, HAI, H. 2,899,178
NGUYEN, QUOC 2,767,236
NHK SPRING CO., LTD. 2,890,820
NIPPON KODOSHI CORPORATION 2,735,200
NIPPON SHINYAKU CO., LTD. 2,813,183
NIPPON SODA CO., LTD. 2,878,556
NISHIKAWA, AKIHIKO 2,890,820
NISHIMORI, TAKEHIRO 2,896,212
NISHIMOTO, TARO 2,924,947
NISSHINBO CHEMICAL INC. 2,768,958
NITE IZE, INC. 2,962,564
NOBLE, DUNCAN 2,712,015
NOJIRI, YAMATO 2,926,060
NOKIA TECHNOLOGIES OY 2,753,199
NORDCO INC. 2,904,878
NORDCO INC. 2,907,235
NORDCO INC. 2,907,381
NORMAN, THOMAS H. 2,772,915
NORMANDEAU ASSOCIATES, INC. 2,727,933
NORRMAN, KARL 2,947,371
NORTHERN POWER SYSTEMS, INC. 2,775,415
NORTHROP GRUMMAN SYSTEMS CORPORATION 2,923,017
NOVAK, EUGENE J. 2,843,318
NOVINIUM, INC. 2,685,653
NULABEL TECHNOLOGIES, INC. 2,765,235
O'TOOLE, LAWRENCE 2,751,909
OATES, JAMES EDGAR 2,722,674
OBA, MOTOYUKI 2,892,044
OBST SANDER, ULRIKE 2,898,534
OCHS, HAROLD D. 2,769,025
ODDOS, THIERRY 2,716,261
OEHRN, LARS 2,784,981
OH, SEJIN 2,880,254
OH, SEJIN 2,922,174
OKA, YUSUKE 2,796,750
OKAMOTO, HIDEYUKI 2,877,107
OKULL, DERRICK 2,774,016
OLLERDESSEN, ALBERT L. 2,760,610
OLSON, DANIEL EDWARD 2,840,236
OLSON, JUDD D. 2,928,102
OMAR, SALIM HAYDER 2,752,883
OMM SCIENTIFIC, INC. 2,702,992
ONESTEEL WIRE PTY LIMITED 2,751,909
ONO, EIKI 2,898,409
ORBAY, JORGE L. 2,772,915
ORMSBEE, BOWDEN 2,962,564
OROZCO, CHERIA L. 2,846,898
OSBORNE, CARL G. 2,730,377
OSISEK, DAMIAN 2,701,086
OSMOS SA 2,886,942
OSTER, JOHN RITNELL, JR. 2,834,994
OSTERMEIER, MAX C 2,539,461
OTA, TOMOYA 2,892,044
OTTO, DANIELA 2,743,408
OTVOS, JAMES D. 2,561,536
OUSE, DAVID G. 2,758,727
OVERHEAD DOOR CORPORATION 2,844,940
OWENS CORNING INTELLECTUAL CAPITAL, LLC 2,766,785
OZAWA, YUZURU 2,875,393
PAGE, DOUGLAS A. 2,894,763
PAHUTSKI, THOMAS FRANCIS, JR. 2,769,245
PALANCHON, HERVE 2,801,607
PALEY, KATE C. 2,738,484
PALL CORPORATION 2,886,288
PALL CORPORATION 2,889,437
PALL CORPORATION 2,889,580
PALLI, SUBBA REDDY 2,563,521
PALMA, LUCA 2,872,111
PANANDIKER, RAJAN KESHAV 2,879,389
PAOLETTI, ANDREW COREY 2,745,839
PAPADOPOULOS, NIKOLAOS 2,814,555
PARADIGM WATERWORKS, LLC 2,780,306
PARK, JAE I. 2,923,017
PARK, JIN YONG 2,864,896
PARK, JUNGUK 2,703,133
PARRY, THOMAS OWEN 2,752,883
PARSONS, ROBERT DAVID 2,743,108
PARTHASARATHY, SRINIVASAN 2,755,317
PASON SYSTEMS CORP. 2,689,756
PASON SYSTEMS CORP. 2,911,112
PASSE, DAMIEN 2,755,666
PATEL, MAHESH VITHALBHAI 2,904,079
PATEL, SANJAY 2,601,303

PATEL, VIPULKUMAR 2,708,767
PATINO, JOSEPH 2,820,508
PAUPERT, MARC 2,727,593
PAWAR, SHIVAJI SAMPATRAO 2,904,079
PAZDERNIK, IRVAN L. 2,740,243
PEIRSMAN, DANIEL 2,681,777
PEIRSMAN, DANIEL 2,681,839
PENNYBACKER, WILLIAM PATRICK 2,760,610
PENTABASE APS 2,645,136
PENVENNE, JUDITH C. 2,735,389
PEOPLES, SCOTT 2,764,917
PEPSICO, INC 2,781,759
PERENTES, ALEXANDRE 2,824,099
PERI GMBH 2,909,214
PERRONE, MICHAEL 2,913,738
PERSSON, LARS 2,776,455
PETER, DAVID WAYNE 2,846,898
PETRIE, CHARLES 2,881,786
PFEIFFER, ULRICH 2,679,190
PFIZER PRODUCTS INC. 2,600,434
PHAM, H. HUNG 2,701,186
PHILLIPS, WILLIAM J. 2,767,501
PICHE, PATRICK 2,847,863
PICTOMETRY INTERNATIONAL CORP. 2,821,780
PIEDE, DAVID 2,708,767
PIERONEK, DAVID 2,916,123
PIETARINEN, SUVI 2,728,934
PIETROBON, JOHN 2,715,604
PILLO, THORSTEN 2,743,408
PIPOL, JUSTIN JEROME 2,907,381
PITIS, PHILIP M. 2,759,614
PITYU CONTROLS INC. 2,806,967
PLAMONDON, LOUIS 2,772,386
PLASCHKA, REINHARD 2,743,408
PLETZ, MICHAEL 2,875,511
PODHAJSKY, RONALD J. 2,761,199
POHNERT, VLADIMIR G. 2,706,500
POLARIS INDUSTRIES INC. 2,712,085
POLICICCHIO, NICOLA JOHN 2,875,994
PORTILLA, ROSA CASADO 2,777,748
POST VAN LOON, ANGENITA DOROTHEA 2,765,388
POSY, SHOSHANA L. 2,871,650
POTNICK, JUSTIN 2,770,155
POWELL, GRAHAM 2,767,745
POWELL, WARD 2,881,786
PPG INDUSTRIES OHIO, INC. 2,834,994
PPG INDUSTRIES OHIO, INC. 2,898,751
PRATT & WHITNEY CANADA CORP. 2,687,934
PRATT & WHITNEY CANADA CORP. 2,699,938
PRATT & WHITNEY CANADA CORP. 2,712,952
PRATT & WHITNEY CANADA CORP. 2,713,284
PRATT & WHITNEY CANADA CORP. 2,715,596
PRATT & WHITNEY CANADA CORP. 2,715,600
PRATT & WHITNEY CANADA CORP. 2,715,604
PREMIER DENTAL PRODUCTS COMPANY 2,759,275
PRENCIPE, MICHAEL 2,927,624
PRESTON, BARRY 2,803,586
PRIESTLEY, ELDON SCOTT 2,871,650
PROJECTONE SOLUTIONS, INC. 2,853,544
PROPAGATION RESEARCH ASSOCIATES, INC. 2,921,184
PROTIVA BIOTHERAPEUTICS, INC. 2,710,713
PROVOST, CHRISTIAN 2,766,878
PUDDIPHATT, DAVID 2,782,729
PULLARA, CRISTINA 2,792,731
PURANDARE, ASHOK V. 2,772,616
PY, DANIEL 2,907,335
QIN, KUIDE 2,758,727
QIN, YONG 2,717,504
QINETIQ LIMITED 2,691,205
QU, YI 2,872,582
QUAKER CHEMICAL CORPORATION 2,760,898
QUALCOMM INCORPORATED 2,764,744
QUALCOMM INCORPORATED 2,775,486
QUALCOMM INCORPORATED 2,917,280
RAATSCHEN, WILLIGERT 2,843,671
RAILKAR, SUDHIR 2,720,722
RAINEY, ALLAN W. 2,701,507
RAJARAM, GOKUL 2,624,545
RAMLI, SITI SAWIAH 2,740,881
RAMLI, SITI SAWIAH 2,913,681
RAMOS CORZO, VERONICA 2,872,381
RAMOS, ROLANDO NICO M. 2,901,319
RANEY, KIRK HERBERT 2,758,853
RANK, MIKE LIND 2,792,498
RANTA, MICHAEL J. 2,675,581
RAO, ASHWIN 2,892,565
RAO, FENG 2,899,532
RAPPOLT, JAMES J. 2,898,419
RAYTHEON COMPANY 2,874,615
REDFIELD, MATTHEW 2,881,786
REDLINGER, THOMAS M. 2,791,599
REEVES, FRANK 2,761,874
REINER, HARALD 2,743,408
REINSEL, CHRISTOPHER M. 2,738,487
REINSTEIN, MICHAEL 2,915,522
REM TECHNOLOGIES, INC. 2,761,874
REMILLARD, ROGER 2,871,650
REPAGE, RONALD 2,764,917
REPUBLIC TOBACCO L.P. 2,813,447
REVEAUD, FREDERIC 2,782,729
REYES, STAN 2,932,238
REYNOLDS, DAVID L. 2,836,341
RHEEM MANUFACTURING COMPANY 2,892,565
RIBE, CHRIS 2,727,933
RICCI, LOUIS 2,704,131
RICCI, ROBERT 2,847,863
RICHARD, MAXIME R. 2,829,000
RICHARDS, LEE DAVID 2,756,758
RICHARDSON, THOMAS E. 2,770,155
RICHTER, HANS 2,898,534
RICHTER, MARTIN 2,861,144
RICOH COMPANY, LIMITED 2,871,719
RICOH COMPANY, LIMITED 2,875,393
RICOH COMPANY, LTD. 2,866,637
RICOH COMPANY, LTD. 2,896,212
RIDDALL, DIETER 2,712,070
RIGHTOR, ED G. 2,767,236
RIPLEY, RICHARD D. 2,712,085
RIVARD, GILLES 2,706,814
ROBERTS, WILLIAM 2,770,452
ROBERTSON, WALTER JAMES 2,834,994
ROBINSON, TIMOTHY MARK 2,745,695
ROCKENSCHAUB, KARIN 2,803,431
RODDA, ROBERT 2,689,756
ROELAND, DINAND 2,947,371
ROERING, SEBASTIAN 2,772,268
ROGERS, LARRY K. 2,712,154
ROHDEN, ROLF 2,811,155
ROMMER, STEFAN 2,947,371
RONN, MAGNUS P. 2,772,386
ROQUETTE FRERES 2,755,666
ROQUETTE ITALIA S.P.A. 2,954,198
ROSEN, JESSE NICASIO 2,760,610
ROSENBERG, STEVEN MICHAEL 2,891,579
ROSENBLATT, STEVE 2,899,178
ROUSSEAU, ROBERT A. 2,741,565
RUAN, TIEMING 2,714,373
RUCHTI, BERND 2,909,214
RUECKHEIM, MARKUS 2,914,220
RUEDIGER, EDWARD H. 2,871,650
RUNDEN, BERNHARD 2,909,319
RUNESSON, TORBJOERN 2,784,981
RUNYON, JASON W. 2,818,849
RUSHE, PETER C. 2,717,688
SACCOMANDO, DANIEL J. 2,761,609
SAEED, GOHAR 2,701,260
SAINT-GOBAIN ADFORS CANADA, LTD. 2,888,221
SAITO, CARLOS TATSUO 2,796,638
SAKRAJDA, ANDRZEJ 2,717,504
SALCEDO, JUAN 2,772,915
SALMINEN, REIJO 2,821,379
SAMUS, SERGIY 2,847,863
SANDBERG, ANDERS 2,721,156
SANDBERG, MELANIE JEAN 2,765,148
SANDERS, AARON W. 2,767,236
SANDVIK MINING AND CONSTRUCTION OY 2,902,691
SANDVIK MINING AND CONSTRUCTION OY 2,915,587
SANGWIN, MICHAEL L. 2,818,108
SANO, MASAKI 2,898,409
SANO, TADASHI 2,919,612
SANSALONE, GIUSEPPE NICODEMO 2,853,544
SANTERRE, J. PAUL 2,701,186
SANTORELLI, MICHAEL 2,898,419
SAPP, DAVE 2,910,298
SATA GMBH & CO. KG 2,755,991
SATO, TOSHIAKI 2,890,820
SATO, YUTA 2,823,157
SAUNDERS, ROBERT ALUN 2,754,232

SAVARI, SHARATH 2,896,252
SAWA, HARUO 2,735,200
SAWCHUK, DANIEL A. 2,839,226
SAYSON, DAVID 2,668,287
SCHAEFFER-KORBYLO, LYNDSAY 2,927,624
SCHELLINGERHOUT, PIETER 2,760,898
SCHIFFMANN, PETER 2,743,408
SCHIRALDI, DAVID A. 2,764,695
SCHLEIF, LARRY A. 2,769,102
SCHLEMMER, KARL-HEINZ 2,777,152
SCHLIPF, MICHAEL 2,736,791
SCHLUMBERGER CANADA LIMITED 2,679,812
SCHLUMBERGER CANADA LIMITED 2,701,260
SCHMIDT, BERND 2,770,802
SCHMIT, THOMAS 2,639,075
SCHNEIDER ELECTRIC INDUSTRIES SAS 2,727,593
SCHNORR, CHARLES H.,III 2,881,786
SCHOENHERR, DWIGHT B. 2,928,102
SCHOLTEN, JEFF 2,875,994
SCHROEDER, GRETCHEN 2,772,616
SCHULTZ, STEPHEN 2,821,780
SCHWIETERMAN, WILLIAM D. 2,730,377
SCIMECA, SANTO F. 2,807,570
SEATRIEVER INTERNATIONAL HOLDINGS LIMITED 2,771,100
SEATTLE GENETICS, INC. 2,723,197
SEBASTIAN, DENEEN B. 2,764,917
SEELIG, BARRY G 2,594,265
SEKIYA, SACHIO 2,919,612
SELF, KYLE 2,836,581
SELF-SUSPENDING PROPPANT LLC 2,777,748
SELING, KERSTIN 2,857,865
SELIRIO, REGINALD 2,839,226
SEMPLE, THOMAS CARL 2,758,853
SENSIDOSE AB 2,899,213
SENTJURC, MATJAZ 2,869,540
SEOK, YONGHO 2,877,484
SHAMPINE, ROD 2,679,812
SHANGHAI TAIJIE CHEMICAL CO., LTD. 2,793,584
SHARP KABUSHIKI KAISHA 2,733,538
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,758,853
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,797,434
SHEN, HARDY S. 2,932,238
SHENZHEN JIAWEI PHOTOVOLTAIC LIGHTING CO., LTD. 2,858,903
SHICHIJO, SHIGEKI 2,927,770
SHIMADA, SATOSHI 2,778,486
SHIMIZU, ROBERT W. 2,715,489
SHIN, JONGWOONG 2,924,985
SHINOHARA, NAOYUKI 2,823,157
SHIODERA, TAICHIRO 2,847,296
SHIOTA, SHINSUKE 2,958,657
SHLONSKY, LYNNE 2,910,298
SHOJI, MUNEO 2,796,750
SHORT BROTHERS PLC 2,925,880
SHPAKOFF, PAUL GREGORY 2,758,853
SHYU, SONG GEN 2,771,950
SIEBENS, LARRY N. 2,852,548
SIEMENS AKTIENGESELLSCHAFT 2,898,954
SIEMENS AKTIENGESELLSCHAFT 2,923,658
SIEMENS INDUSTRY, INC 2,844,845
SIKORA, SASCHA 2,916,123
SILBERMAN, BRUCE D. 2,561,536
SILVINI, SIMONE 2,792,731
SIMEX INC. 2,678,573
SIMMERS, RYAN PATRICK 2,769,102
SIMMONS, HOWARD E. 2,818,849
SINGH, SATISH KUMAR 2,600,434
SITTMANN, III, GUSTAV 2,701,086
SKELETAL DYNAMICS LLC 2,772,915
SLABBERT, RIKUS 2,770,107
SLEGEL, TIMOTHY 2,701,086
SLEIMAN, MOHAMAD 2,699,938
SLOMINSKI, GREG 2,731,000
SMIT, JASPER ROELF 2,758,853
SMIT, JOHAN PAUL 2,758,853
SMITH, CHRISTOPHER DAVID 2,752,883
SMITH, IRL W. 2,874,615
SMITH, JAMES GORDON CHARTERS 2,767,745
SMITH, SIMON J. 2,720,226
SMITH, STEVEN DARYL 2,879,389
SMS GROUP GMBH 2,894,480
SNAP MAT SYSTEMS INC. 2,865,111
SNODGRASS, RICHARD T. 2,860,223
SNYDER, JOHN KENNETH 2,927,748
SOANE, DAVID 2,777,748
SOCIETE COMPOSITE EXPERTISE & SOLUTIONS (C.E.S.) 2,769,668
SOLAS, DENNIS W. 2,836,581
SOLHEIM, JOHN A. 2,889,676
SOLOMON, ETHAN BARUCH 2,774,016
SOLVAY (SOCIETE ANONYME) 2,741,484
SOMMER, VINCENT PAUL 2,693,171
SONESSON, LARS 2,807,039
SONG, OSOK 2,764,744
SONY CORPORATION 2,794,890
SOUTHALL, MICHAEL 2,716,261
SPATZ, MARK W. 2,761,478
SPECIALITY FIBRES AND MATERIALS LIMITED 2,744,465
SPENCE, DAVID A. 2,907,381
SPENCER, JONATHAN ALLAN 2,691,205
SPERANDIO, VANESSA 2,702,992
SPINAL MODULATION, INC. 2,671,286
SPIRA, JACK 2,899,213
SPIRAL TECHNOLOGIES INTERNATIONAL 2,795,313
SROKA, GARY 2,761,874
STANEK, JOHN DILLON 2,846,898
STANFORTH, PETER 2,775,486
STANLEY BLACK & DECKER, INC. 2,802,259
STASCH, JOHANNES-PETER 2,777,152
STATOIL PETROLEUM AS 2,799,832
STEELE, CHRISTOPHER KEITH 2,858,213
STEELE, DAVID JOE 2,888,762
STEELE, DUNCAN PAUL 2,858,213
STEELE, RODERICK MARK 2,858,213
STEIMER, THOMAS J. 2,738,487
STEIN, DIETER 2,743,408
STENFORS, ERIK 2,726,001
STENZEL, GREGG S. 2,894,763
STEPHENSON, IAN DAVID 2,691,205
STEWART, DONALD R. 2,702,992
STIER, GERALD 2,808,742
STILBORN, MITCH 2,875,511
STOLL, FRIEDERIKE 2,777,152
STOWELL, JESSE 2,775,415
STRONG, ANDREW H. 2,875,267
STUCCHI S.P.A. 2,712,008
SUBRAMANIAN, RAMACHANDRAN 2,764,744
SUCIU, GEORGE, D. 2,812,666
SUDENGA INDUSTRIES, INC. 2,691,498
SUGA, YOICHIRO 2,796,750
SUGIYAMA, MITSUHIRO 2,890,820
SUH, JONGYEUL 2,835,621
SUH, JONGYEUL 2,844,361
SUH, JONGYEUL 2,881,141
SULESKY, WILLIAM A. 2,904,878
SULLIVAN, SANDRA S. 2,735,389
SUMITOMO BAKELITE CO., LTD. 2,898,419
SUMNER, ERIC GUY 2,774,016
SUN, CHIA MIN 2,771,950
SUN, CUIXIANG 2,772,386
SUNCAST TECHNOLOGIES, LLC 2,767,501
SUNSDAHL, ROY A. 2,712,085
SUSSMAN, DJANGO 2,723,197
SUTCLIFFE, JOYCE A. 2,772,386
SUTHERLAND, STEPHEN 2,684,192
SUTTER, CHRISTINE L. 2,727,933
SUTTON, AMANDA E. 2,770,155
SUZUKI, HIDEYUKI 2,815,966
SUZUKI, KEISUKE 2,811,279
SUZUKI, TADAO 2,892,044
SUZUKI, YASUMASA 2,753,931
SWAN, ROBERT 2,634,605
SWAT MEDICAL AB 2,824,897
SWISS TIMING LTD. 2,776,124
SWOBODA, WERNER 2,736,791
SYKEHUSET SORLANDET HF 2,840,856
SYNCRUDE CANADA LTD. 2,870,910
SYNCRUDE CANADA LTD. 2,918,517
SZUL, JOSEPH S., JR. 2,834,994
SZYNKARCZUK, JAREK 2,900,777
T&W ENGINEERING A/S 2,766,536
T&W ENGINEERING A/S 2,792,498
TAISHO PHARMACEUTICAL CO., LTD. 2,796,750
TAKAHASHI, KEN 2,890,820
TAKAHASHI, MASATO 2,796,750

TAKAHASHI, TATSUYA 2,896,212
TAKANO, YUSUKE 2,880,171
TAKASHIMA, HAJIME 2,796,750
TAKASHIMA, NOBUO 2,753,931
TALBOT, JOHN 2,910,298
TAMAKI, SHINJI 2,875,393
TAMARKIN, DOV 2,857,889
TAMURA, TOSHIYUKI 2,880,171
TAN, JIA YIAN 2,741,822
TAN, WEHUNS 2,845,242
TANAKA, HIDEAKI 2,815,966
TANAKA, YUYA 2,815,966
TANG, DONG 2,836,821
TANIZAWA, AKIYUKI 2,847,296
TANK, HOLGER 2,758,727
TANNO, FUMIO 2,768,958
TAO, ZHU 2,760,898
TAVARES-RODRIGUES, MARCO-ANTONIO 2,764,917
TAYLOR, SCOTT D. 2,712,085
TECNOLOGIA INTEGRAL EN FLUIDOS DE PERFORACION S.A. DE C.V. 2,960,660
TEGBORG, LARS 2,899,213
TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) 2,711,570
TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) 2,834,838
TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) 2,947,371
TELEKOM MALAYSIA BERHAD 2,740,881
TELEKOM MALAYSIA BERHAD 2,913,681
TEMPEFF NORTH AMERICA LTD. 2,726,001
TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 2,880,345
TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 2,899,532
TEODORCZYK, MARIA 2,639,302
TEOFILOVIC, DEJAN 2,770,452
TERZI, CHERIF 2,772,268
TESMAN INC. 2,858,213
TETRA LAVAL HOLDINGS & FINANCE S.A. 2,759,892
TETRAPHASE PHARMACEUTICALS, INC. 2,772,386
THE ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA 2,860,223
THE BOARD OF REGENTS FOR OKLAHOMA STATE UNIVERSITY 2,737,378
THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM 2,702,992
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY 2,651,203
THE BOEING COMPANY 2,818,108
THE BOEING COMPANY 2,858,645
THE CHINESE UNIVERSITY OF HONG KONG 2,780,016
THE HOSPITAL FOR SICK CHILDREN 2,846,382
THE LUBRIZOL CORPORATION 2,746,319
THE LUBRIZOL CORPORATION 2,761,609
THE MEDICAL COLLEGE OF WISCONSIN, INC. 2,747,969
THE PROCTER & GAMBLE COMPANY 2,875,994
THE PROCTER & GAMBLE COMPANY 2,879,389
THE REGENTS OF THE UNIVERSITY OF MICHIGAN 2,770,452
THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK 2,733,809
THE SCRIPPS RESEARCH INSTITUTE 2,703,133
THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA 2,631,443
THENAPPAN, SUBBRAMANIAN 2,892,565
THEROUX, ERIC 2,851,384
THIJSSEN, MARC 2,741,484
THILWIND, RACHEL E. 2,739,053
THOEMMES, RALF 2,780,858
THOEN, RANDY K. 2,740,243
THOMAMUELLER, TOBIAS 2,679,190
THOMAS & BETTS INTERNATIONAL LLC 2,852,548
THOMAS & BETTS INTERNATIONAL, LLC 2,851,846
THOMAS & BETTS INTERNATIONAL, LLC 2,891,271
THOMAS GMBH 2,857,865
THOMEER, HUBERTUS V. 2,679,812
THOMPSON, MICHAEL DAVID 2,907,381
THROM, ANDRE 2,892,744
THYSSENKRUPP STEEL EUROPE AG 2,916,123
TINEMBART, JEAN-FRANCOIS 2,824,099
TIVELLI, SERGIO 2,712,008
TOKI, BRIAN 2,723,197
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CHEN, MING 2,977,853
CHEN, QI 2,977,980
CHEN, ROGER J. A. 2,977,798
CHEN, ROGER, J.A. 2,978,046

CHEN, XIN 2,969,345
CHIKKANNA, DINESH 2,954,328
CHILDREN'S HOSPITAL MEDICAL CENTER 2,977,817
CHINOWSKY, TIM 2,972,353
CHISHOLM, BRIAN, J. 2,975,738
CHO, DAVID 2,976,167
CHO, YONG SUK 2,972,222
CHOI, HEONSIK 2,974,941
CHOI, KYOUNGBAEK 2,974,941
CHOJECKI, ADAM 2,954,285
CHONG, YAP SENG 2,953,286
CHOPRA, RAJESH 2,954,652
CHOUCHANI, EDWARD 2,953,709
CHOW, PATRICK 2,977,538
CHOYKE, PETER 2,954,463
CHRISIS, ANTHONY 2,977,547
CHU, SUNG GUN 2,975,321
CHU, YIWEN 2,977,662
CILAG GMBH INTERNATIONAL 2,953,452
CINGULATE THERAPEUTICS LLC 2,977,540
CIRCUIT SEED, LLC 2,973,368
CIVRA, ANDREA 2,953,754
CLANCY, TIMOTHY JOHN 2,977,997
CLARK, DON ROBERTS 2,977,682
CLARKE, ANDREW 2,974,829
CLARKE, ANDREW 2,974,977
CLARKE, ANDREW 2,974,979
CLERKIN, CRAIG 2,963,268
CLIFFORD, NEIL 2,962,041
CLOYD, RONALD 2,977,763
COHEN, CHARLES-EDOUARD 2,974,893
COLE, MATT DENVER 2,975,285
COLGATE-PALMOLIVE COMPANY 2,974,230
COLGATE-PALMOLIVE COMPANY 2,974,231
COLLETTE, FLORAINE 2,975,028
COMAU S.P.A. 2,971,123
COMMSCOPE TECHNOLOGIES LLC 2,970,167
COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN 2,975,005
COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN 2,976,017
COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN 2,976,599
COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN 2,978,055
COMPASS MINERALS MANITOBA INC. 2,978,114
COMPASS MINERALS MANITOBA, INC. 2,978,116
COMPOSITE PRODUCTION TECHNOLOGY B.V. 2,978,135
CONNOR, SIDNEY A. 2,977,952
CONRAD, ZACHARY 2,977,522
COOK, GRANT O., III 2,974,798
COOK, GRANT O., III 2,975,270
COOPER TECHNOLOGIES COMPANY 2,971,590
COOPER, ALEXANDER H. 2,977,538
COOPER, IAIN MICHAEL 2,974,703
COOPER, JONATHAN MICHAEL 2,977,802
COPLAND, RICHARD J. 2,975,903
COPPETA, JONATHAN ROBERT 2,975,182
CORAFLO LTD. 2,975,804
CORCEPT THERAPEUTICS, INC. 2,977,591
CORDEIRO, PIERRE 2,976,366
CORN PRODUCTS DEVELOPMENT, INC. 2,966,082
CORNELL UNIVERSITY 2,977,785
CORNWALL, PHILIP 2,953,655
CORREA, MATTHEW DANIEL 2,954,784
COSTANTINO, STEPHAN 2,973,167
COUNSEL, MICHAEL 2,977,547
COVIDIEN LP 2,975,885
COVIDIEN LP 2,975,889
COVIDIEN LP 2,975,894
COVIDIEN LP 2,975,907
COXE, CHARLES FRANCES, JR. 2,962,844
CRADL, LTD. 2,977,522
CRANE, SHELDON 2,977,839
CRISPR THERAPEUTICS AG 2,977,447
CRODA, INC. 2,969,345
CRONIN, SHAUN 2,977,545
CROSS, MARK 2,975,867
CROSS, MARK 2,975,870
CROSS, MARK 2,975,924
CROWE, JAMES E. 2,977,499
CROWLEY, GEOFFREY 2,977,771
CSIR 2,967,667
CUBIC CORPORATION 2,976,138
CURTANA PHARMACEUTICALS, INC. 2,977,521
CUSACK, STEPHEN 2,953,862
CUTLER, JEFFREY 2,975,256
D B INDUSTRIES, LLC 2,962,410
DAI, PEIHONG 2,977,660
DALEMANS, WILFRIED 2,953,884
DALLAN S.P.A. 2,975,063
DALLAN, ANDREA 2,975,063
DAMEVIN, HENRI-MARIE 2,975,947
DANA-FARBER CANCER INSTITUTE, INC. 2,977,532
DASGUPTA, BIPLAB 2,977,817
DASSEL, MARK W. 2,972,658
DAUSCH, DAVID 2,976,102
DAVIDIAN, THOMAS 2,954,285
DAVIDSON, MELANIE 2,953,961
DAVIS, JAMES LYNN 2,976,102
DAY, WILLIAM KENNETH 2,977,530
DE CALMES, NICOLAS 2,975,276
DE CLEIR, PIARAS VALDIS 2,962,107
DECISION SCIENCES MEDICAL COMPANY, LLC 2,977,975
DECKER, OWEN H. 2,977,962
DEEG, JUERGEN 2,975,430
DEGOLLADA BASTOS, MARIA 2,975,894
DEHENNIS, ANDREW 2,977,758
DEHGHANIKIADEHI, ABBAS 2,972,945
DEKKER, ROBERT 2,953,884
DEKOZAN, DAVID L. 2,976,138
DELCHAMBRE, MICHAEL 2,975,008
DELORI, AMIT 2,975,350
DEMERX, INC. 2,977,636
DEMIRCI, UTKAN 2,977,974
DEMPSEY, JAMES, F. 2,976,331
DENG, LIANG 2,977,660
DENG, MI 2,977,544
DENG, WULAN 2,977,785
DENNERT PORAVER GMBH 2,975,426
DENTSPLY DETREY GMBH 2,954,020
DERKS, SARAH 2,977,532
DERULE, HERVE 2,975,360
DESHPANDE, SACHIN G. 2,977,708
DESHPANDE, SACHIN G. 2,977,712
DESHPANDE, SACHIN G. 2,977,718
DEUTSCHES INSTITUT FUER LEBENSMITTELTECHNIK E.V. 2,974,653
DEUTSCHES ZENTRUM FUR LUFT - UND RAUMFAHRT E.V. 2,976,694
DEVORET, MICHEL 2,977,662
DEVORET, MICHEL 2,977,664
DEVORET, MICHEL 2,977,799
DEVORET, MICHEL 2,977,968
DI STEFANO, GIOVANNI 2,971,123
DIERICO, MARCO 2,953,961
DIGENIO, ANDRES 2,977,971
DIIANNI, STEVEN 2,977,584
DIMMER, DAVID 2,977,730
DING, JINNING 2,978,021
DING, LIMIN 2,978,021
DINH, STEVEN 2,975,452
DINING, ELIZABETH JOY 2,977,522
DIPIETRO, EMIDIO 2,978,141
DIPIETRO, TONY 2,978,141
DIRRIG, GUILLAUME 2,973,167
DOBAK, JOHN DANIEL 2,977,960
DOGU, NIHAL 2,974,231
DOMINGO, ALAIN 2,976,599
DONG, ALISA 2,977,785
DONOHUE, KEVIN V. 2,969,105
DOR, PIERRE 2,975,794
DOSENBACH, SAJED 2,975,536
DOW AGROSCIENCES LLC 2,968,850
DOW CORNING CORPORATION 2,975,175
DOW GLOBAL TECHNOLOGIES LLC 2,954,285
DOW GLOBAL TECHNOLOGIES LLC 2,962,598
DOW GLOBAL TECHNOLOGIES LLC 2,962,749
DOWNES, MICHAEL 2,977,520
DPS BRISTOL (HOLDINGS) LIMITED 2,954,107

DPS BRISTOL (HOLDINGS) LIMITED 2,954,116
DR PEPPER/SEVEN UP, INC. 2,977,956
DREES, BECKY L. 2,977,766
DRITSCHILO, ANATOLY 2,977,996
DSG TECHNOLOGY HOLDINGS LTD. 2,977,982
DUBEY, VAIBHAV 2,977,611
DUBEY, VAIBHAV 2,977,612
DUBIEL, GERHARD 2,975,940
DUCOURNAU, GUILLAUME 2,971,328
DUESEL, BERNARD F. 2,963,268
DULY, TIMOTHY M. 2,977,771
DUMITRU, RALUCA 2,978,109
DUNCAN, PAMELA 2,977,962
DUNN, JASON 2,962,090
DUNN, MICHAEL 2,978,007
DUNN, STEVEN B. 2,977,658
DUNN, STEVEN BRYAN 2,977,655
DUNPHY, JAMES R. 2,972,607
DUROCHER, DANIEL 2,977,685
DYLLA, SCOTT J. 2,977,502
DYNAMIC STRUCTURES, LTD. 2,977,691
DYNAMIC STRUCTURES, LTD. 2,977,698
DYSON TECHNOLOGY LIMITED 2,976,029
DYSON TECHNOLOGY LIMITED 2,976,031
DYSON TECHNOLOGY LIMITED 2,976,042
E I DU PONT DE NEMOURS AND COMPANY 2,975,289
E. I. DU PONT DE NEMOURS AND COMPANY 2,953,548
E. I. DU PONT DE NEMOURS AND COMPANY 2,954,627
E. I. DU PONT DE NEMOURS AND COMPANY 2,962,601
E. I. DU PONT DE NEMOURS AND COMPANY 2,977,460
E.I. DU PONT DE NEMOURS AND COMPANY 2,962,592
E.I. DU PONT DE NEMOURS AND COMPANY 2,969,242
E.M.A.R.C. S.P.A. 2,974,782
EAGLES, DANA 2,962,091
EAGLES, DANA 2,962,093
EAGLESON, SCOTT T. 2,953,961
EATON CORPORATION 2,970,472
EBBU, LLC 2,977,802
ECOLAB USA INC. 2,977,977
ECOLE SUPERIEURE DE PHYSIQUE ET DE CHIMIE INDUSTRIELLES DE LA VILLE DE PARIS 2,939,013
ECOSSE SUBSEA SYSTEMS LIMITED 2,970,591
EDEN RESEARCH PLC 2,975,020
EDICO GENOME, INC. 2,978,063
EDMAN, KARL 2,953,655
EDWARDS LIFESCIENCES CARDIAQ LLC 2,977,538
EFFENBERGER, FRANK 2,978,112
EFSTATHOPOULOS, PETROS 2,977,500
EGGART, KYLE 2,977,747
EHARA, TAKERU 2,953,885
EICHOLZ, ARRON J. 2,977,577
EICHOLZ, ARRON J. 2,977,579
EILBECK, KAREN 2,977,548
EJOT GMBH & CO. KG 2,975,940
EKATO RUHR- UND MISCHTECHNIK GMBH 2,977,705
EL KHAMLICHI DRISSI, KHALIL 2,972,945
ELECTRICITE DE FRANCE 2,968,487
ELIRA THERAPEUTICS LLC 2,977,584
ELLIS, MICHAEL P. 2,977,949
ELOGAB, HATEM 2,976,039
ELOGAB, OSAMA 2,976,039
EMANUELE, R. MARTIN 2,954,528
EMBRAER S.A. 2,974,992
EMERICK-WHITSON, CYNTHIA LYNN 2,977,691
EMERICK-WHITSON, CYNTHIA LYNN 2,977,698
EMERSON, JANE F. 2,974,698
ENDO, KAZUMI 2,977,741
ENDO, KOJI 2,977,615
ENE29 S.AR.L. 2,975,008
ENNIS PAINT, INC. 2,975,231
ENOCELL LIMITED 2,974,600
EQUALAIRE SYSTEMS, INC. 2,978,003
EQUASHIELD MEDICAL LTD. 2,977,608
ERANDE, ROHAN 2,977,589
ERSAN, ALI 2,973,173
ESCARPE, PAUL ANTHONY 2,977,502
ESPARK ENERGY INC. 2,977,690
ESPERA-WERKE GMBH 2,976,683
ESTIARTE-MARTINEZ, MARIA DE LOS ANGELES 2,977,993
ETEA SICUREZZA GROUP LTD 2,962,717
EURENCO 2,968,255
EUROPEAN MOLECULAR BIOLOGY LABORATORY 2,953,862
EVANS, RONALD 2,977,520
EVERETT, MUNSON WHITMAN 2,977,772
EWEND, MATTHEW G. 2,978,109
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,972,791
EYAL, AHARON M. 2,977,593
EZBRA ADVANCED WOUND CARE LTD. 2,976,613
EZELL, MICHAEL DALE 2,974,633
EZELL, MICHAEL DALE 2,976,196
F. HOFFMANN-LA ROCHE AG 2,977,796
F. HOFFMANN-LA ROCHE AG 2,977,798
F. HOFFMANN-LA ROCHE AG 2,978,046
FARR, THOMAS A. 2,970,472
FARRER, STEPHEN W. 2,975,903
FAUCHER, MARC 2,971,328
FAUL, JOHN L. 2,977,584
FEDEROFF, HOWARD J. 2,965,287
FEESS, TIM 2,977,644
FEILER, FREDERIC C., JR. 2,977,652
FELBER, ROBERT 2,976,533
FELDHAMMER, MATTHEW 2,977,839
FELDMAN, MARIO 2,977,561
FENTON, JONATHAN 2,973,173
FERAMDA LTD. 2,977,738
FERE, MICHAEL 2,953,476
FERIOL, LAURENT 2,975,008
FERNANDEZ GARCIA, JOSE LUIS 2,967,665
FERRARA, LUCIANA 2,953,885
FESSOU, PHILIPPE JACQUES PIERRE 2,975,947
FIANDACA, MASSIMO S. 2,965,287
FIBERCORE IP B.V. 2,975,980
FILIOT, PIERRE-LOUIS 2,968,487
FILLIPO, BRUCE 2,975,321
FINK, MATHIAS 2,939,013
FIRESTONE BUILDING PRODUCTS CO., LLC 2,974,989
FISH, BARRY B. 2,954,285
FISHER & PAYKEL HEALTHCARE LIMITED 2,977,729
FISHER CONTROLS INTERNATIONAL LLC 2,974,823
FISHER CONTROLS INTERNATIONAL LLC 2,974,827
FITZBIONICS LIMITED 2,962,372
FITZGERALD, JOHN 2,971,100
FITZGERALD, JOSEPH R. 2,962,563
FITZINGER, ANDREAS 2,973,174
FITZMAURICE, NEIL JEFFREY 2,974,855
FITZPATRICK, NOEL 2,962,372
FLAX, DIRK 2,975,204
FLETCHER, SUE 2,977,528
FLEUTE-SCHLACHTER, INGO 2,975,025
FLIR SYSTEMS, INC. 2,977,822
FLORENCE, QUENTIN 2,977,646
FLORENCE, QUENTIN 2,977,648
FLYAK, ANDREW I. 2,977,499
FLYGARE, STEVEN 2,977,548
FONDAZIONE TELETHON 2,965,591
FORD, JANE 2,954,224
FORDHAM, EDMUND J. 2,974,829
FORDHAM, EDMUND J. 2,974,977
FORDHAM, EDMUND J. 2,974,979
FORNOFF, PETER 2,975,032
FORUM US, INC. 2,974,602
FORYT, PAUL JOHN 2,977,530
FOSER, THOMAS 2,977,571
FRAIKIN, ANTOINE 2,975,755
FRANZAROLI, MASSIMO 2,976,316
FREDRICKSON, DOUGLAS 2,975,882
FREEMAN, GORDON J. 2,977,532
FREEMAN, T. EDWIN 2,975,490
FREIBURG, EVAN 2,977,975
FREIER, SUSAN M. 2,977,965
FREZZA, CHRISTIAN 2,953,709
FRIEDHOFF, LAWRENCE 2,977,636
FRIEDMANN, EDGAR 2,972,204
FRUNZIO, LUIGI 2,977,662
FRUNZIO, LUIGI 2,977,664
FRUNZIO, LUIGI 2,977,968
FU, HONG 2,962,430
FUJII, SHIN-ICHIRO 2,977,606

FUJII, TAKAHIRO 2,975,244
FUJIKURA LTD. 2,978,049
FUKASE, YOSHIYUKI 2,954,042
FUKUMOTO, SHOJI 2,954,042
FUMOTO, KATSUMI 2,977,917
FUTUREBAY LIMITED 2,975,956
GAHLEITNER, MARKUS 2,974,878
GAIDAEVA, EKATERINA V. 2,962,433
GALLER, THOMAS 2,976,533
GALLI, ROBERTA 2,953,813
GALVANI BIOELECTRONICS LIMITED 2,977,517
GANDHI, ANITA 2,954,652
GAQUIERE, CHRISTOPHE PIERRE PAUL 2,971,328
GARCES, VANESA RAMOS 2,963,117
GARCIA MARCOS, ALEJANDRA 2,975,435
GARCIA, ANA ISABEL VICENTE 2,963,117
GARNER, LEANNE JOYCE 2,976,029
GATTI, RICCARDO 2,974,890
GAUGER, PHILLIP 2,977,980
GAWEL, MAREK 2,974,655
GEKKO SYSTEMS PTY LTD 2,977,684
GENENTECH, INC. 2,954,508
GENERAL CABLE TECHNOLOGIES CORPORATION 2,977,997
GENERAL FUSION INC. 2,978,030
GENNISSON, JEAN-LUC 2,939,013
GEORGE, PATRICK T. 2,977,956
GEORGESCU, MIRCEA 2,977,730
GEORGETOWN UNIVERSITY 2,965,287
GEORGIA-PACIFIC GYPSUM LLC 2,975,742
GEORGIA-PACIFIC GYPSUM LLC 2,975,744
GEOTECH LTD. 2,977,553
GERSHUN, ALEKSEI V. 2,977,813
GERY, JEAN-MARC 2,971,383
GESTIMA SOLAR S.L. 2,977,731
GHEEWALA, NIKHIL N. 2,962,203
GHIM, SHIN-JE 2,977,760
GIARDIELLO, MARCO 2,954,224
GIBBS, IRVING A. 2,970,472
GIDDINS, MARIE ANN 2,974,829
GIDDINS, MARIE ANN 2,974,977
GIDDINS, MARIE ANN 2,974,979
GILBARCO INC. 2,977,763
GILBERT, DONALD ALAN 2,954,583
GILBERT, THOMAS W. 2,962,203
GILLAN, COLIN J. 2,974,732
GILLET, ARNAUD 2,963,610
GIROUX, KAREN J. 2,978,109
GITARI, WILSON MUGERA 2,967,667
GLEICHER, NORBERT 2,978,005
GNANN, TONY 2,975,651
GOBINET, CYRIL 2,953,476
GODBOLE, HIMANSHU MADHAV 2,954,215
GODFREY, KEITH MALCOLM 2,953,286
GOEBEL, SANDY 2,977,747
GOLIASZEWSKI, ALAN EDWARD 2,975,321
GONCALVES, ELISABETE 2,954,840
GONZALEZ, JAIME A. 2,978,141
GOODE, PAUL V. 2,977,584
GOODWIN, MARK 2,978,114
GORDON, MARTIN 2,973,173
GOSALVEZ BERENGUER, JAIME 2,967,665
GOUHL, ERIK J. 2,971,590
GRANT, MICHAEL ETHAN 2,975,256
GRAPHIC PACKAGING INTERNATIONAL, INC. 2,962,844
GREEN, ALON 2,977,730
GREEN, KILIAN 2,975,939
GREENTECH MOTORS CORPORATION 2,971,383
GREGAR, PETER PAUL 2,975,174
GRENZEBAU MASCHINENBAU GMBH 2,975,784
GRIMM, AXEL 2,975,013
GRIMMER, ANDY 2,977,763
GRINDROD, SCOTT 2,977,996
GROENENDIJK, PETER E. 2,954,285
GRONVALL, ERIK J. 2,970,167
GRUBER, SIMON 2,973,174
GUBBELS, FREDERIC 2,975,175
GUERRA GARCIA, ANGEL 2,975,894
GUEVARA ERRA, RAMON MARIANO 2,975,184
GUGGENBERGER, RAINER 2,954,628
GUGLIELMINO, SCOTT 2,974,890
GUI, XUN 2,977,544
GUMMERSHEIMER, PETER P. 2,975,273
GUMUS, FERHAT 2,976,641
GUO, SHULING 2,978,100
GUPTA, VIJAY 2,976,102
GURNARI, LAWRENCE 2,953,961
H.B. FULLER COMPANY 2,975,273
H.B. FULLER COMPANY 2,975,276
HABERER, CHRISTOPH 2,976,533
HACH COMPANY 2,953,026
HAGEL, LIAM PATRICK 2,978,113
HAGLER, JOHN TYLER WILLIS 2,977,652
HAHM, MARK 2,978,063
HAHN, BJOERN THOMAS 2,975,025
HALLIBURTON ENERGY SERVICES INC. 2,975,262
HALLIBURTON ENERGY SERVICES, INC. 2,974,633
HALLIBURTON ENERGY SERVICES, INC. 2,974,798
HALLIBURTON ENERGY SERVICES, INC. 2,974,800
HALLIBURTON ENERGY SERVICES, INC. 2,975,090
HALLIBURTON ENERGY SERVICES, INC. 2,975,270
HALLIBURTON ENERGY SERVICES, INC. 2,976,102
HALLIBURTON ENERGY SERVICES, INC. 2,976,196
HALLIBURTON ENERGY SERVICES, INC. 2,976,764
HALLIBURTON ENERGY SERVICES, INC. 2,978,060
HAM, CHEOL 2,972,222
HAMILTON LEWIS-GRAY, ALEXANDER 2,977,684
HAMILTON, DAVID M. 2,972,779
HAMILTON, SAMUEL J. 2,972,779
HAMILTON, VICTORIA 2,978,041
HAMILTON-REEVES, JILL 2,974,870
HAMMOND, ASA 2,977,945
HAMRI, NAJAT 2,977,822
HAMRICK, DANIEL R. 2,975,903
HANDLER, NORBERT 2,953,862
HANGZHOU WEBEN PHARMACEUTICALS INC 2,977,559
HANSEN, JOSHUA 2,954,784
HANSEN, ROBERT 2,962,091
HANSEN, ROBERT 2,962,093
HANSON, GUNNAR JAMES 2,977,528
HAO, HUAIXIANG 2,954,862
HARARY, JOSEPH M. 2,977,990
HARDHAM, JOHN MORGAN 2,977,980
HARESTAD, KRISTIAN 2,976,673
HARMAT, FRED 2,978,113
HARRISON, PHILIP JAMES 2,975,792
HASE, GARY 2,977,791
HASHIMOTO, KAZUKI 2,977,481
HATHERILL, MARK A. 2,977,658
HATRIDGE, MICHAEL 2,977,664
HATRIDGE, MICHAEL 2,977,968
HATTERSLEY, GARY 2,977,812
HAVENS, CALEN SHANE 2,972,779
HAWKES, LAURENCE 2,974,977
HAYASHI, ATSUTAKA 2,977,619
HAYASHIDA, MAKOTO 2,977,940
HAYNES, BRIAN 2,977,787
HEARTLAND TECHNOLOGY PARTNERS LLC 2,963,268
HEATH, GARY 2,977,756
HECHT, REINHOLD 2,954,628
HEERES, REINIER 2,977,790
HELLER, DANIEL 2,975,617
HENNIG, MARK KEVIN 2,978,003
HERCULES LLC 2,975,321
HERELIER, PATRICK 2,976,366
HERMANN, JOSEPH RALPH 2,977,405
HEROGUEZ, VALERIE 2,975,028
HERREZUELO DE LA SIERRA, EDUARDO 2,976,171
HETTICH HOLDING GMBH & CO. OHG 2,974,591
HIGUCHI, HIROTAKA 2,977,602
HILDINGSSON, ULF 2,977,951
HILGERS, LUCAS A. TH. 2,954,043
HILL, AXEL 2,973,751
HILTI AKTIENGESELLSCHAFT 2,975,340
HILTI AKTIENGESELLSCHAFT 2,977,571
HINGTGEN, SHAWN D. 2,978,109
HIRAIDE, NOBUHIKO 2,977,619
HIRANO, HELIO 2,974,992

HIRAYAMA, AKINOBU 2,977,921
HO, DAVID 2,977,764
HO, DAVID 2,977,810
HO, TSUNG-CHUAN 2,977,562
HODGSON, CHRISTOPHER STEVEN 2,976,029
HOGANAS AB (PUBL) 2,973,526
HOGNER, CARL ANDERS 2,953,655
HOLTZ, RAYMOND 2,976,167
HOLZBEIERLEIN, JEFFREY M. 2,974,870
HONDA MOTOR CO., LTD. 2,977,915
HONEYWELL INTERNATIONAL INC. 2,975,256
HONG, PETER I. 2,977,584
HOOD, DAVID K. 2,975,321
HOOG, JARED HUBERT 2,977,638
HORIKOSHI, KENGO 2,977,620
HORISAKI, RYOICHI 2,977,481
HORNMAN, JOHAN CORNELIS 2,974,379
HORTUS NOVUS SRL 2,954,852
HOWE, ANDREW 2,974,977
HOWLAND, DUNCAN 2,973,167
HSU, FRANK 2,955,015
HU, XU 2,977,460
HUANG, DANDAN 2,977,626
HUANG, XIZHONG 2,954,862
HUAWEI TECHNOLOGIES CO., LTD. 2,977,843
HUAWEI TECHNOLOGIES CO., LTD. 2,977,846
HUAWEI TECHNOLOGIES CO., LTD. 2,978,112
HUBBARD, MICHAEL J. 2,974,989
HUEFFER, STEPHAN 2,975,435
HUGLEY, SAMUEL 2,977,744
HUKELMANN, BERNHARD 2,974,653
HUNT, WILLIAM RICHARD 2,976,029
HUNTSMAN ADVANCED MATERIALS AMERICAS LLC 2,977,536
HUNTSMAN ADVANCED MATERIALS LICENSING (SWITZERLAND) GMBH 2,973,167
HUPKA, BIRGIT 2,975,025
HUTCHINGS, ADRIAN CHARLES 2,975,956
HWANG, YONG HEE 2,974,631
HYGIENIX BV 2,974,892
IAN, O'CONNELL 2,969,537
IBERT, MATHIAS 2,961,709
ICU MEDICAL, INC. 2,977,530
IDEAL WAREHOUSE INNOVATIONS, INC. 2,978,013
IDGENOMICS, INC. 2,977,984
IGI, SATOSHI 2,977,922
IGNATIUS, RODNEY 2,977,730
ILINYKH, PHILIPP 2,977,499
ILLINOIS TOOL WORKS INC. 2,976,366
IMADA, TAKASHI 2,954,042
IMAMURA, MASAKI 2,977,602
IMAX THEATRES INTERNATIONAL LIMITED 2,972,206
IMMUNE DESIGN CORP. 2,955,015
INCI, FATIH 2,977,974
INSTITUT POLYTECHNIQUE DE BORDEAUX 2,963,610
INTEGRATED SOLAR 2,971,128
INTEROCEAN SYSTEMS, INC. 2,974,683
IONIS PHARMACEUTICALS, INC. 2,977,965
IONIS PHARMACEUTICALS, INC. 2,977,971
IONIS PHARMACEUTICALS, INC. 2,978,100
IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC. 2,977,980
IP, BERNARD TSZ LUN 2,977,729
IPAGOO LLP 2,975,787
IRANI-COHEN, ZACKARY 2,967,817
ISACSON, OLE 2,977,661
ISEKI, KATSUHIKO 2,977,614
ISENBERG, BRETT 2,975,182
ISHII, NAOKI 2,954,042
ISHIKAWA, TERUHIKO 2,977,919
IWAMI, MORITA 2,977,919
IWAMOTO, SHINYA 2,978,051
IYER, ARUN V. 2,977,405
IZUMIMOTO, NAOKI 2,977,614
IZZIA, FEDERICO 2,974,692
J.W. SPEAKER CORPORATION 2,975,379
JAAFAR, LEILA 2,975,637
JAIN, MANISH 2,962,091
JAIN, MANISH 2,962,093
JANA, NIRMAL KUMAR 2,954,231
JANKO, PAVEL 2,975,298
JANSSEN, DOMINIQUE (DECEASED) 2,977,653
JAPAN TECHNO CO., LTD. 2,977,746
JAUSSAUD, RAOUL 2,962,209
JAUSSAUD, RAOUL 2,963,490
JENSEN, BRENT DANIEL 2,975,755
JENSEN, KEVIN MATTHEW 2,975,755
JENSON, A. BENNETT 2,977,760
JEONG, HONG-SIL 2,977,948
JFE STEEL CORPORATION 2,977,922
JI, NAN 2,953,885
JIANG, HONGJIAN 2,977,559
JIANG, LIANG 2,977,790
JIANG, LIANG 2,977,799
JOHNS, BRIAN ALVIN 2,954,603
JOHNS, BRIAN ALVIN 2,954,724
JOHNS, BRIAN ALVIN 2,954,733
JOHNSON & JOHNSON CONSUMER INC. 2,953,957
JOHNSON, JACK 2,976,029
JOHNSON, JON E. 2,962,598
JOHNSTON, KYLE 2,972,353
JOHNSTONE, CHARLES VERNON 2,977,194
JONES, ANDREW 2,977,739
JONES, DAN 2,971,383
JONES, JOE 2,977,650
JONES, SHAWN WILLIAM 2,977,593
JONGPAIBOONKIT, LEENAPORN 2,978,002
JONS, STEVEN D. 2,962,598
JSM CONSTRUCTION LIMITED 2,971,100
JUN, HYUN 2,975,149
JUNG, MIRA 2,977,996
JUNG, ULRICH 2,976,683
JUNTTILA, MELISSA 2,954,508
K-LINE INDUSTRIES, INC. 2,977,831
KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.) 2,977,346
KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.) 2,977,935
KAHN, JOHANNA 2,961,881
KAI, YUMEI 2,977,626
KAISER, ANDRE 2,974,591
KAISER, ROBERT 2,978,080
KAJANUS, JOHAN 2,953,655
KAMBOJ, RAJENDER KUMAR 2,954,231
KAMOSHIDA, SHIGEMI 2,977,914
KAMPHUIS, DWAIN L. 2,977,831
KANE, PRASHANT 2,977,611
KANE, PRASHANT 2,977,612
KANEKO, SHUICHI 2,978,055
KANNWISCHER, WILFRIED 2,975,637
KARLSSON, JONAS 2,962,091
KARLSSON, JONAS 2,962,093
KARLSSON, MAGNUS 2,977,547
KASIBHATLA, SHAILAJA 2,954,862
KATO, MITSUNORI 2,953,885
KATO, SEIJI 2,978,049
KATO, YASUYUKI 2,977,609
KAUFMANN, REINHARD 2,975,204
KAUR, JASMEET 2,975,490
KAWAKAMI, YUTAKA 2,978,050
KAWAMURA, HIROAKI 2,977,349
KAWAMURA, TERUHISA 2,977,520
KAWRYKOW, IWAN 2,976,331
KAY, BRADLEY WILLIAM 2,975,379
KCI LICENSING, INC. 2,963,260
KCI LICENSING, INC. 2,963,263
KEJRIWAL, AKHIL 2,975,340
KELA, JARMO 2,975,026
KELLER, WOLFGANG 2,977,705
KELLY-MORGAN, IAN S.G. 2,977,776
KEMMER, AARON 2,962,090
KENNEDY, BRIAN 2,977,839
KENNEY, RICHARD 2,955,015
KERAT, UWE 2,972,658
KERBS, JEREMY 2,977,522
KERYX BIOPHARMACEUTICALS, INC. 2,978,073
KHAIRNAR, VINAYAK 2,954,328
KHALIL, EHAB M. 2,954,784
KHOSRAVI SIMCHI, SEPIDEH 2,977,859
KIDA, YASUYUKI S. 2,977,520
KIKUCHI, AKIRA 2,977,917
KIKUCHI, KEN 2,977,914
KIM, DAEWOOK 2,974,941
KIM, KYUNG-JOONG 2,977,948
KIM, MI JEONG 2,977,939
KIM, MIN 2,974,941

KIM, NAK HYUN 2,972,222
KIM, SEONGHWAN 2,977,690
KIM, SUJEONG 2,974,941
KIMURA, HIROKAZU 2,977,917
KINCAID, DEREK S. 2,977,536
KING, JASON RYAN 2,976,042
KING, THOMAS E. 2,966,568
KINI, GAUTAM CHANDRAKANTH 2,962,265
KINI, GAUTAM CHANDRAKANTH 2,962,268
KINIK, KORAY 2,976,641
KINIO, WALTER 2,977,730
KINNEY, ROBIN J. 2,977,978
KIRBY, KURT 2,977,962
KISAKA, YOSHIAKI 2,977,620
KITA, DAVID BEN 2,977,993
KITTERINGHAM, NEIL 2,954,224
KLAHN, PHILIPP 2,977,589
KLANT, KEESJAN 2,974,586
KLASSEN, KEVIN 2,977,194
KLEE, JOACHIM E. 2,954,020
KLICKOW, HANS-HENNING 2,961,964
KLIEWER, JOSEPH D. 2,976,232
KLIEWER, JOSEPH D. 2,976,249
KNAPP, ROBERT L. 2,977,795
KNIGHT, BRANDON W. 2,977,956
KNORR-BREMSE GESELLSCHAFT MIT BESCHRANKTER HAFTUNG 2,975,014
KOBAYASHI, HISATAKA 2,954,463
KOBAYASHI, KOJI 2,977,759
KOBAYASHI, TOSHIKI 2,977,615
KOCH, EDMUND 2,953,813
KOEROGHLIAN, MARK M. 2,976,232
KOEROGHLIAN, MARK M. 2,976,249
KOLLARIK, MARIAN 2,977,517
KOLON LIFE SCIENCE, INC. 2,974,941
KONO, MITSUNORI 2,954,042
KOPACHE, ALEXANDER 2,977,569
KORF, JOSHUA MATTHEW 2,975,913
KOSSENJANS, MICHAEL 2,953,655
KRAFT FOODS GROUP BRANDS LLC 2,962,107
KRASHENINNIK, NADIA 2,966,641
KRASTANOV, STEFAN 2,977,790
KRASTANOV, STEFAN 2,977,799
KRAUTWALD-JUNGHANNS, MARIA-ELISABETH 2,953,813
KRIEG, THOMAS 2,953,709
KRIEGEL, ROBERT 2,975,490
KRIHELI, MARINO 2,977,608
KRISMANIC, GEORG 2,975,014
KRUSE, DUSTIN 2,977,975
KUBOTA, YASUO 2,977,349
KUDO, TAKETO 2,978,053
KULKARNI, SANJEEV ANANT 2,954,231
KUMAR, PRAMOD 2,971,590
KUMAR, VIJAY 2,978,089
KUMAR, VIJAY 2,978,091
KUPPU, SUNDARAM 2,977,678
KURAPATI, KAUSHAL 2,975,713
KURARAY CO., LTD. 2,977,454
KURION, INC. 2,975,285
KURRONEN, PANU 2,970,586
KURTZ, ANDREW F. 2,972,206
KURZ, VOLKER 2,977,546
KUSHNIR, VITALY A. 2,978,005
KUZNETSOV, DANILA 2,974,977
LA MARZOCCO S.R.L. 2,974,890
LABAUNE, PHILIPPE 2,959,834
LABERGE, MICHEL GEORGES 2,978,030
LACEY, DARRON K. 2,971,590
LACHMAN, BENJAMIN J. 2,977,978
LADERMAN, ELISABETH 2,967,817
LAGAD, DIPAK RAYCHAND 2,954,231
LAGO NUNEZ, CARMEN 2,975,276
LAI, RICKY YAT CHIU 2,977,194
LAIFA DESIGNS INTERNATIONAL INC. 2,977,555
LAIRD, MICHAEL 2,975,551
LAMSON, KYLE 2,966,568
LANCASTER, PATRICK, R., III 2,975,347
LANDMARK GRAPHICS CORPORATION 2,975,437
LANDON, DAVID ROBERT 2,977,538
LANDQVIST, JORGEN 2,977,951
LANG, ANDREAS 2,975,014
LANKIN, MIKE 2,974,772
LANKIN, MIKE 2,974,773
LANTECH.COM, LLC 2,975,347
LAPRAIRIE, PETER KELLY 2,977,194
LARSON, DONALD K. 2,971,584
LARSSON, BJORN 2,977,633
LATHAM, GARY 2,977,787
LAVEILLE, PACO 2,962,749
LAVEN, JEFFREY J. 2,977,962
LAZAREV, PAVEL IVAN 2,977,776
LEAH, ROBERT 2,974,772
LEAH, ROBERT 2,974,773
LEAVER, TIMOTHY 2,977,768
LEE, ELLIOT BYUNGHWA 2,977,997
LEE, HYEONYOUL 2,974,941
LEE, HYESUN 2,974,941
LEFEBVRE, PAUL 2,972,607
LEGGETT, RICHARD EDWARD 2,953,026
LEITHEAD, TRAVIS 2,977,577
LEITHEAD, TRAVIS 2,977,579
LEMBO, DAVID 2,953,754
LESKINEN, PAULI 2,974,878
LESOLANG, PASEKA MOEMISE 2,975,807
LETZELTER, NATHALIE SOPHIE 2,975,118
LETZELTER, NATHALIE SOPHIE 2,975,121
LETZELTER, NATHALIE, SOPHIE 2,975,120
LEUNG, MAX 2,967,976
LEVIEN, ANDREW K. 2,977,756
LEVY, KURT ARON 2,977,802
LEWIS, RICHARD 2,977,663
LI, FAN 2,962,592
LI, FAN 2,962,601
LI, HAIBO 2,975,231
LI, HONGBO 2,972,607
LI, LIANGFEIWEI 2,977,976
LI, WEI 2,953,961
LI, XINGXIANG 2,977,634
LI-COR, INC. 2,977,073
LIAO, CHICHOU 2,977,697
LIAO, CHICHOU 2,977,713
LIAO, JUN 2,975,452
LILJA, JOHANNA 2,974,878
LIN, MIN 2,977,853
LINDO, STEVE JOSEPH 2,977,530
LINDQVIST, BENGT 2,974,611
LION, DAV 2,972,353
LIQUIDPISTON, INC. 2,977,569
LISZKAI, TAMAS R. 2,975,392
LITEVAX B.V. 2,954,043
LITTERA, DANIELE 2,977,569
LIU, DAVID 2,977,502
LIU, LU 2,978,084
LIU, PUCHUN 2,975,452
LIU, RENSHUI 2,969,105
LIU, XIANG 2,978,112
LIU, XIAORONG 2,977,626
LIU, ZHI-REN 2,977,976
LIU, ZUIFANG 2,953,452
LOCKE, CHRISTOPHER BRIAN 2,963,260
LOCKE, CHRISTOPHER BRIAN 2,963,263
LOCKWOOD, NATHAN A. 2,962,101
LOFTIN, CALEB S. 2,962,433
LOGES, WERNER 2,975,332
LOH, JEFFREY THOMAS 2,977,525
LOH, JEFFREY THOMAS 2,977,527
LOMBARDO, ANGELO LEONE 2,965,591
LOMBARDO, ELEUTERIO 2,953,884
LOOP DEVICES, INC. 2,972,353
LOPEZ LAGE, MANUEL 2,975,200
LOPEZ REQUEJO, SERGIO 2,974,877
LOPEZ, AMBROSIO, JR. 2,977,521
LOPEZ, JORGE LUIS 2,974,379
LOPEZ-GIRONA, ANTONIA 2,954,784
LU, YANG 2,974,004
LUCAS, NATHAN JOHN 2,978,009
LUCENA, IGNACIO CARVAJO 2,963,117
LUDSTECK, MANFRED 2,954,628
LUHARUKA, RAJESH 2,974,035
LUMUS LTD. 2,972,204
LUNSFORD, BILL 2,977,646
LUNSFORD, BILL 2,977,648
LUO, YUANQIU 2,978,112
LUPIN LIMITED 2,954,215
LUPIN LIMITED 2,954,231
MACBETH, KYLE 2,954,784
MACE, CATHERINE 2,953,286
MACINTOSH, DAVID WILLIAM 2,970,654
MACPHEE, DONALD 2,974,600
MADDALENA, ROGER 2,977,653
MADE IN SPACE, INC. 2,962,090
MADSON, DARIN 2,977,980
MAGNAUDEIX, DOMINIQUE MICHEL SERGE 2,963,490
MAGUIRE, STEPHEN B. 2,977,654

MAHANGARE, SACHIN JAYSING 2,954,231
MAILLET, EMELINE 2,977,636
MAINOLFI, NELLO 2,953,885
MAIWALD, MARIO 2,975,940
MAKOWIECKI, GARY JOE 2,974,633
MAKOWIECKI, GARY JOE 2,975,090
MAKOWIECKI, GARY JOE 2,976,196
MALAVE, LUIS JOSE 2,977,584
MALINOSKI, JON MICHAEL 2,977,997
MAN, HON-WAH 2,954,784
MANDAL, DEBASHIS 2,977,589
MANE, NARENDRA DATTATRAY 2,954,215
MANEY, BILL 2,977,796
MANEY, BILL 2,977,798
MANEY, BILL 2,978,046
MANIERE, VIANNEY CHRISTOPHE MARIE 2,975,947
MANNHART, HUBERT 2,974,616
MANTAUX, OLIVIER 2,963,610
MAPSTONE, MARK E. 2,965,287
MARS, OWE 2,973,526
MARSHALL, MICHAEL L. 2,977,747
MARTH, GABOR 2,977,548
MARTIN GONZALEZ, IGNACIO 2,975,200
MARTIN, STEVE 2,978,141
MARTIN, TRENTON 2,977,649
MARTIN, TRENTON 2,977,674
MARTINEZ MANE, ANGEL 2,974,877
MASCULL, ELIZABETH JOCELYN 2,977,631
MASCULL, ROGER THOMAS 2,977,631
MASK SOLUTIONS LLC 2,977,949
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 2,978,076
MAST THERAPEUTICS, INC. 2,954,528
MASTERCARD INTERNATIONAL INCORPORATED 2,975,713
MASUDA, MIKIO 2,977,454
MATE PRECISION TOOLING, INC. 2,975,287
MATE PRECISION TOOLING, INC. 2,975,303
MATEESCU, MIRCEA-ALEXANDRU 2,977,835
MATEEVA, ALBENA ALEXANDROVA 2,974,379
MATEU PRUNUNOSA, CARLES 2,975,894
MATSUMOTO, TAKUJI 2,977,759
MATSUSHITA, TSUYOSHI 2,977,913
MATTHEWS, CARL 2,974,772
MATTHEWS, CARL 2,974,773
MAUCHLINE, DAVID ANDREW 2,975,807
MAYEKAWA, ROY 2,975,551
MAZANEC, TERRY J. 2,953,398
MCALPINE & CO. LIMITED 2,975,793
MCALPINE, JAMES EDWARD 2,975,793
MCCALEB, MICHAEL L. 2,977,965
MCGONIGLE, JOSEPH SCHMIDT 2,962,101
MCGUIRE, PATRICK 2,977,644
MCHARDY, STANTON F. 2,977,521
MCILRATH, MICHAEL 2,978,116
MCILWRAITH, LON WILLIAM 2,978,030
MCLAREN, MARK ARVIND 2,977,729
MCLEMORE, STEVEN 2,977,649
MCMILLEN, ROBERT J. 2,978,063
MEDELA HOLDING AG 2,976,167
MEDICAL RESEARCH COUNCIL 2,953,709
MEDIVIR AB 2,978,083
MEEK, STEVEN K. 2,977,795
MEGA WINDFORCE IP BV I/O 2,974,586
MEIMA, GARMT R. 2,954,285
MELLOW BOARDS GMBH 2,975,939
MELTON, HAYDEN PAUL 2,977,550
MEMORIAL SLOAN-KETTERING CANCER CENTER 2,977,660
MENDEZ, CRISTINA MONTEJO 2,963,117
MENON, NANDA 2,977,646
MENON, NANDA 2,977,648
MERCK PATENT GMBH 2,953,843
MEREDITH, ERIK 2,953,885
MERGHOUB, TAHA 2,977,660
MERINO LOPEZ, JOSE 2,975,005
MERRILL, ZACHARY ALEXANDER 2,976,017
MESCHER, MARK JOSEPH 2,975,182
METALOGENIA RESEARCH & TECHNOLOGIES S.L. 2,974,877
METAOPTIMA TECHNOLOGY INC. 2,977,859
MEUTH, JOSHUA BRANDON 2,974,602
MEYERS, DAVID O. 2,977,632
MIAO, LEI 2,977,843
MIAO, LEI 2,977,846
MICHELIN RECHERCHE ET TECNIQUE S.A. 2,976,017
MICROSOFT TECHNOLOGY LICENSING, LLC 2,967,976
MICROSOFT TECHNOLOGY LICENSING, LLC 2,977,577
MICROSOFT TECHNOLOGY LICENSING, LLC 2,977,579
MIELISCH, MARCO 2,975,940
MIGLIARA, ALESSANDRO 2,965,591
MILES, PHILIP 2,975,203
MILLER, CHASE 2,977,548
MILLER, SEAN MICHAEL 2,978,013
MINEV, ZLATKO 2,977,662
MISRA, KIRAN M. 2,977,708
MISUMI CORPORATION 2,978,053
MITCHELL, JONATHAN 2,974,977
MITCHELL, MICHAEL, P. 2,975,347
MITREITER, ANDREAS 2,953,026
MITSUBISHI ELECTRIC CORPORATION 2,973,666
MITTERMEIER, SIMON 2,977,729
MIYAMOTO, JUN 2,977,914
MIYAZAKI, TOMOYUKI 2,978,051
MIZUCHI, KATHRYN 2,976,167
MIZUTA, NAOKI 2,977,346
MJN U.S. HOLDINGS LLC 2,961,881
MOAKLER, DEAN 2,974,035
MOFFITT, RONALD D. 2,975,490
MOFFITT, WILLIAM 2,977,646
MOFFITT, WILLIAM 2,977,648
MOGI, MUNETO 2,953,885
MOGNA, GIOVANNI 2,954,585
MOLINA VALDERRAMA, JUAN, PABLO 2,976,171
MONTECCHIO, ANDREAS 2,974,591
MOR, YOAV 2,977,740
MORAITIS, ANDREAS G. 2,977,591
MORALES, MARLON SALVADOR 2,975,490
MORENO AMADOR, MARIA DE LOURDES 2,954,527
MORGAN, ANDRE MICHELLE 2,974,230
MORGAN, ANDRE MICHELLE 2,974,231
MORGENSTERN, HERBERT 2,975,013
MORI, TOMONORI 2,977,914
MORIKAWA, SHIGEYASU 2,975,244
MORITA, YASUHIRO 2,977,614
MORRISON, EDWARD BEVERLY 2,977,553
MORTIMER, NICOLE ALLISON 2,977,555
MOUSSA, ADEL 2,978,085
MOXON, JOHN THOMAS 2,977,747
MTG CO., LTD. 2,977,913
MULLANEY, JULIAN S. 2,970,167
MULLER, GEORGE W. 2,954,784
MULTNER, BENJAMIN 2,977,705
MUNCHKIN, INC. 2,977,655
MUNCHKIN, INC. 2,977,658
MUNCHKIN, INC. 2,977,809
MUNZENBERGER, HERBERT 2,975,340
MURDOCH UNIVERSITY 2,977,528
MURPHY, MICHAEL PATRICK 2,953,709
MURPHY, WILLIAM L. 2,978,002
MURRAY, SUSAN F. 2,977,965
MUSGRAVE, TIM 2,978,003
MUSION IP LIMITED 2,969,537
MYERS, DAVID F. 2,976,102
MYGNAR, INC. 2,977,644
MYRVAGNES, GEIR 2,971,128
MYUNG, SE-HO 2,977,948
N.V. NUTRICIA 2,953,768
NACCACHE, PAUL 2,974,829
NACCACHE, PAUL 2,974,977
NACCACHE, PAUL 2,974,979
NAFICI ENVIRONMENTAL RESEARCH (NER) LTD 2,962,853
NAFICI, SHAHRIAR 2,962,853
NAGATA, RYOICHI 2,978,050
NAGATA, SATOSHI 2,977,925
NAGATA, TOSHIHIKO 2,977,748
NAGHAL, VIDHU 2,975,490
NAKAE, AYA 2,977,745
NAKAGAWA, RIE 2,978,053
NAKAI, OSAMU 2,977,602
NAKANO, SATOSHI 2,977,935
NALDINI, LUIGI 2,965,591

NALLAN, LAXMAN 2,977,764
NALLAN, LAXMAN 2,977,810
NAMBIAR, RAKESH 2,975,289
NAMI-TECH S.R.O. 2,970,390
NANJING SANHOME PHARMACEUTICAL CO., LTD. 2,977,626
NANTBIOSCIENCE, INC. 2,977,764
NANTBIOSCIENCE, INC. 2,977,810
NARLA, ANIRUDH 2,977,664
NARLA, ANIRUDH 2,977,968
NASLUND, MATS 2,977,950
NASR, MOHAMED ADEL 2,977,561
NATSCHKE, SCOTT LEE 2,975,174
NAVARRIA, FILIPPO 2,971,123
NAYRAC, FREDERIC 2,976,366
NEAL, DANIEL R. 2,975,903
NEHATE, SAGAR PURUSHOTTAM 2,954,215
NEIDHART, WERNER 2,953,862
NEILSON, KEN 2,975,867
NEILSON, KEN 2,975,870
NEILSON, KEN 2,975,924
NEITEC SP. Z O.O. 2,976,301
NEITZ, JAY 2,977,808
NEITZ, MAUREEN 2,977,808
NENADOVIC, VERA 2,975,184
NESTEC S.A. 2,953,286
NESTEC S.A. 2,974,870
NESTEC S.A. 2,974,881
NESTOR, KARL 2,968,850
NEWITT, CLIVE ROLAND (DECEASED) 2,975,020
NGUYEN, QUANG A. 2,963,117
NICHOL, SCOTT 2,977,549
NICKERSON, MARK 2,977,569
NICOLAOU, KYRIACOS C. 2,977,589
NIESKENS, DAVY 2,954,285
NIIMI, KATSUMI 2,977,741
NIPPON STEEL & SUMIKIN STAINLESS STEEL CORPORATION 2,977,619
NIPPON TELEGRAPH AND TELEPHONE CORPORATION 2,977,620
NISSHIN STEEL CO., LTD. 2,975,244
NITOH, KOUJI 2,977,741
NIU, XIPING 2,977,460
NOJIMA, YUSUKE 2,977,454
NOORDERMEER, SYLVIE 2,977,685
NORRMAN, KARL 2,977,950
NORTON, MARK RICHARD THOMAS 2,962,107
NOVARTIS AG 2,953,885
NOVARTIS AG 2,954,393
NOVARTIS AG 2,954,840
NOVARTIS AG 2,954,862
NOVARTIS AG 2,975,969
NOVEN PHARMACEUTICALS, INC. 2,975,452
NOVOMATIC AG 2,974,655
NOVOMER, INC. 2,976,111
NOVOMER, INC. 2,977,969
NTT DOCOMO, INC. 2,977,925
NTT ELECTRONICS CORPORATION 2,977,620
NURKKA, MARIA ELINA 2,977,689
NUSCALE POWER, LLC 2,975,392
NYUU, KEISUKE 2,978,051
O'MAHONY, GAVIN 2,953,655
OCHIDA, ATSUKO 2,954,042
ODA, TSUNEO 2,954,042
ODLOZILIK, MIROSLAV 2,970,390
OFIR, YUVAL 2,972,204
OHARA, GO 2,977,602
OKADA, YOSHIAKI 2,978,051
OLIJVE, JOSEPH HUBERTUS 2,968,672
OLIVERA, ARGELIO MICHAEL 2,975,969
OLSAVSKY, JOSEPH, E. 2,975,738
OLSEN, GARRETT T. 2,974,798
OLSEN, GARRETT T. 2,975,270
OLSEN, GREGORY JAMES 2,977,729
OLSON, CHARLIE 2,975,886
OLSON, JOELLE 2,977,977
OLSON, JUSTIN DOUGLAS 2,975,755
OMASA, RYUSHIN 2,977,746
OMICRON ELECTRONICS GMBH 2,975,007
OMICRON ELECTRONICS GMBH 2,975,204
OMNITRACS, LLC 2,978,089
OMNITRACS, LLC 2,978,091
OMORI, HIROYUKI 2,977,346
OMSIGNAL INC 2,977,689
ONQUIERT, GUILLAUME 2,975,008
OP BIO FACTORY CO., LTD. 2,977,919
ORAL, JARRED KENNETH 2,978,084
ORBITAL TRACTION, LTD. 2,976,232
ORBITAL TRACTION, LTD. 2,976,249
ORR, GRAHAM ROBERT 2,974,855
ORTHWEIN, ALEXANDRE 2,977,685
OSAKA UNIVERSITY 2,977,481
OSAKA UNIVERSITY 2,977,745
OSAKA UNIVERSITY 2,977,917
OSBORNE, EDWARD J. 2,977,548
OSCOLAI, BILL 2,977,587
OSHITA, SHINYA 2,977,454
OSPEDALE SAN RAFFAELE S.R.L. 2,965,591
OSUNA, JOSE 2,978,069
OSWALD, IAIN 2,975,350
OTA, SADAO 2,977,481
OTERO FARINA, FATIMA MARIA 2,967,665
OU, KEVIN 2,977,768
OUSMAN, ERENA FARAH 2,962,592
OUTSENSE DIAGNOSTICS LTD. 2,977,743
OWEN, ANDREW 2,954,224
OWENS-BROCKWAY GLASS CONTAINER INC. 2,975,738
PALKOWITSH, GREGORY LEE 2,972,779
PALLE, VENKATA P. 2,954,231
PAN, YI 2,974,798
PANAVISION INTERNATIONAL, L.P. 2,970,654
PANGAIO DA COSTA, JOEL A. 2,975,276
PANNIER, STEPHANE 2,959,834
PAPAC, MICHAEL 2,975,969
PARDINI, GIONATA 2,974,849
PARENT, GWENAELLE 2,961,709
PARK, BYUNG HA 2,972,222
PARK, SIMON 2,977,690
PARKINSON, DAVID JOHN 2,954,107
PARKINSON, DAVID JOHN 2,954,116
PARRIE, TIMOTHY RANDALL 2,974,827
PARTHASARATHI PADMAREKHA, VENKKATEESH 2,974,798
PASERO, DAVID 2,975,794
PASQUIER, CHRISTOPHE 2,972,945
PASSONE, PIETRO 2,974,782
PATEL, ANIL RAMAN 2,977,631
PATEL, BABU 2,977,653
PATTERSON, WAYNE A. 2,953,961
PAUL, NICOLAS 2,968,487
PAUL, ULRICH 2,977,717
PAULLIN, JAYME L. 2,975,289
PAYNE, COLIN GREGORY 2,977,194
PEDROS, MATTHIEU 2,963,610
PEET, STEVEN EDUARD 2,976,029
PEET, STEVEN EDUARD 2,976,031
PEET, STEVEN EDUARD 2,976,042
PEETERS, JOHANNES HENDRICUS ALPHONSUS 2,975,980
PEINE, WILLIAM 2,975,907
PENAFUERTE, CLAUDIA 2,977,839
PENG, GUIKAI 2,978,112
PENG, SHUFU 2,975,321
PERBAL, GREGORY 2,974,882
PERDUE, WAYNE BORIS 2,953,026
PEREZ GARCIA, LUIS G. 2,975,276
PEREZ SORIA, FRANCISCO 2,974,877
PEREZ, PABLO CABEZA 2,963,117
PEREZ, RAUL E. 2,977,584
PERIGON AS 2,976,673
PERKINS, GREG 2,975,536
PERLMAN, MICHAEL D. 2,974,683
PERNER, JUDD J. 2,962,410
PERNEROWSKI, REANNE 2,978,114
PERNOT, MATHIEU 2,939,013
PERSSON, ULRIKA 2,973,526
PETTERSSON, JAN 2,974,574
PFEIFFER, MATTHIAS 2,975,013
PHARMALINK AB 2,974,611
PHISHLINE, LLC 2,975,509
PIEHL, MARK D. 2,977,652
PILLAI, SUNILKUMAR C. 2,977,653
PIONEER HI-BRED INTERNATIONAL, INC. 2,966,641
PIONEER HI-BRED INTERNATIONAL, INC. 2,977,460
PIONEER HI-BRED INTERNATIONAL, INC. 2,978,084
PIONEER HI-BRED INTERNATIONAL, INC. 2,978,099
PIOT, OLIVIER 2,953,476
PIPCHUK, DOUGLAS 2,974,703
PLASMABIOTICS 2,962,141
PLATENBURG, PETER PAUL L. I. 2,954,043

POGGI, PAUL 2,962,138
POLAND, BRAD 2,978,084
POLAR SAPPHIRE LTD. 2,977,549
POLAT, TULAY 2,977,764
POLAT, TULAY 2,977,810
POLI, GIUSEPPE LEONE GRAZIANO ENRICO 2,953,754
POLYNT COMPOSITES USA INC. 2,977,962
POP, LOAN 2,977,662
PORADOSU, ENRIQUE 2,978,073
PORTEUS, MATTHEW HEBDEN 2,977,447
POTENTIAL LABS, LLC 2,977,978
POULOSE, AYROOKARAN J. 2,969,242
POURDEHNAD, MICHAEL 2,954,652
POURDEHNAD, MICHAEL 2,954,784
POWERS, JAMES J. 2,953,885
PRASANNA, GANESH 2,953,885
PRENAV INC. 2,977,945
PRENCIPE, MICHAEL 2,974,230
PRENCIPE, MICHAEL 2,974,231
PRESBY PATENT TRUST 2,977,568
PRESBY, DAVID WILLIAM 2,977,568
PRESNAIL, JAMES KEVIN 2,977,460
PRESTONE PRODUCTS CORPORATION 2,977,813
PREUSSE, GRIT 2,953,813
PREVOST, JULIE 2,975,028
PROBIOTICAL S.P.A. 2,954,585
PROCESS METRIX, LLC 2,977,638
PRODA BIOTECH LLC 2,977,976
PROPRIETECT L.P. 2,977,551
PROTECHNA S.A. 2,977,717
PUGH, MICHAEL 2,975,551
PUGH, MICHAEL R. 2,975,536
PULAKUNTA, JYOTHIDHAR 2,975,617
PULASKI, PAUL 2,975,903
PULSAR S.R.L. 2,976,316
PURANEN, JUSSI 2,970,586
PUTTER, MARKUS (DECEASED) 2,975,007
QI, HOUBAO 2,977,848
QIAO, YI 2,977,548
QINGDAO CHUANGHUI INDUSTRY CO., LTD. 2,978,021
QUADRI, ARSHAD 2,977,538
QUINLAN, CHARISSA 2,975,379
QUINTON, PEGGY 2,954,393
RAADEKLINT, ULF 2,974,574
RABITO, GLEN T. 2,977,538
RACHIELE, LYDIA 2,975,360
RADEL, PEGGY 2,977,546
RADIUS HEALTH, INC. 2,977,812
RADIVOJEVIC, DUSAN 2,975,530
RAGON, PHILIPPE 2,968,255
RAHEJA, RAJ 2,954,784
RAHMAN, MAHFUJUR 2,974,772
RAHMAN, MAHFUJUR 2,974,773
RAIA, GIOACCHINO 2,954,628
RAMSAY, EUAN 2,977,768
RANDHAWA, ASHMITA 2,975,118
RANNARD, STEVE 2,954,224
RASA INDUSTRIES, LTD. 2,977,615
RASCHKA, JOACHIM 2,976,342
RASON, JONATHAN 2,953,768
RATHS, HANS-CHRISTIAN 2,975,025
RATZ, BRENT J. 2,977,538
RAVULA, SATHEESH B. 2,977,521
RAYA ZAMORA, PEDRO 2,975,200
RAYMOND, THOMAS D. 2,975,903
RAZ, RYAN 2,977,553
RAZMARA, MAJID 2,977,859
RECHICHAR, BRADLEY 2,977,536
RECOVERED ENERGY, INC. 2,977,663
REDDY, RAVISEKHARA POCHIMIREDDY 2,954,627
REDFERN, DAVID 2,974,855
REIN, CHRISTIAN 2,974,855
REIS-WALTHER, EVA-MARIA 2,975,435
REN, BAOLUTE 2,978,062
REN, YINMEI 2,977,848
RESEARCH FRONTIERS INCORPORATED 2,977,990
RICHARDSON, DOUGLAS H. 2,978,030
RICHARDSON, JONATHAN W. 2,974,827
RICHTER, THOMAS FABIAN 2,975,637
RICHTMAN, NINA 2,977,460
RICORDI, CHRISTIAN 2,976,366
RIES, LANDON 2,966,641
RIEU, PHILIPPE 2,953,476
RIGAKU RAMAN TECHNOLOGIES, INC. 2,974,692
RIKEN 2,977,606
RING, LEV 2,976,641
RINGOM, RUNE 2,974,611
RITTER, KLAUS 2,973,167
RIVELLA, STEFANO 2,977,785
ROBERSON, MARK 2,976,102
ROBERTSON, DEREK 2,977,779
ROBERTSON, GALEN C. 2,977,652
ROBERTSON, URSULA ELAINE 2,977,194
ROBINSON, DAVID BRUCE 2,977,796
ROBINSON, TIMOTHY MARK 2,963,260
ROBINSON, TIMOTHY MARK 2,963,263
ROBOTHAM, CLAUDE 2,974,692
ROCH, FRANZ-FERDINAND 2,953,862
RODIG, SCOTT J. 2,977,532
RODRIGUEZ BAGO, JULIO 2,978,109
RODRIGUEZ HERRERA, ALFONSO 2,954,527
ROEDER, JUERGEN 2,975,025
ROGERS, HANNAH 2,954,224
ROGOZINSKI, NICOLAS 2,974,800
ROHRDANZ, NICHOLAS B. 2,974,823
ROL CORREDOR, JAVIER 2,974,877
ROMAN, EFRAT 2,976,613
ROOF, MICHAEL B. 2,977,405
ROONEY, KEVIN PATRICK 2,977,682
ROOS, JACK 2,978,007
ROQUETTE FRERES 2,961,709
ROSENFELD, DEVON C. 2,962,749
ROUSSELOT B.V. 2,968,672
ROXTEC AB 2,977,951
ROY, ERIC 2,974,692
RPEPTIDE, LLC 2,977,646
RPEPTIDE, LLC 2,977,648
RST AUTOMATION LLC 2,977,700
RUEHLE, MICHAEL 2,978,063
RUITENBEEK, MATTHIJS 2,954,285
RUIZ, FRANCISCO XAVIER, III 2,977,521
RUNWAY BLUE, LLC 2,977,632
RUPP, DAVID ROBERT 2,977,691
RUPP, DAVID ROBERT 2,977,698
RUSSO, AMY 2,974,230
RUSSO, AMY 2,974,231
RUTSCH, MICHAEL J. 2,963,268
SADEGHI, MARYAM 2,977,859
SAEB-PARSY, KOUROSH 2,953,709
SAFRAN AIRCRAFT ENGINES 2,962,209
SAFRAN AIRCRAFT ENGINES 2,963,490
SAFRAN AIRCRAFT ENGINES 2,975,947
SAHLIN, BENGT 2,977,950
SALBERG, RYAN 2,977,763
SALCIARINI, CHRISTIAN 2,974,882
SALK INSTITUTE FOR BIOLOGICAL STUDIES 2,977,520
SAMBUSSETI, ANTONIO 2,963,343
SAMSUNG ELECTRONICS CO., LTD. 2,972,222
SAMSUNG ELECTRONICS CO., LTD. 2,977,948
SANCHEZ, CARLOS 2,975,787
SANCHEZ, JULIO CESAR 2,977,538
SANDERS, CHRISTOPHER J. 2,975,742
SANDERS, CHRISTOPHER J. 2,975,744
SANDVIK INTELLECTUAL PROPERTY AB 2,976,533
SANTAILLER, GERARD 2,975,943
SANTISO BRANDARIZ, REBECA 2,967,665
SAPETSCHNIG, RENE 2,975,007
SARCOTEIN DIAGNOSTICS, LLC 2,977,669
SAREPTA THERAPEUTICS, INC. 2,977,528
SARG, TAMARA 2,975,340
SASAKI, DANIEL KEITH 2,970,654
SATTERFIELD, ANDREW DUNCAN 2,953,548
SAVIRA PHARMACEUTICALS GMBH 2,953,862
SAWADA, SHINJIRO 2,977,347
SCA HYGIENE PRODUCTS AB 2,977,633
SCHAEFFER, MERRILL LYNN 2,977,405
SCHECHTER, IAN 2,975,538
SCHELLENBERGER, UTE 2,978,084
SCHLABERG, ROBERT 2,977,548
SCHLUMBERGER CANADA LIMITED 2,974,035
SCHLUMBERGER CANADA LIMITED 2,974,703
SCHLUMBERGER CANADA LIMITED 2,974,829
SCHLUMBERGER CANADA LIMITED 2,974,893
SCHLUMBERGER CANADA LIMITED 2,974,977
SCHLUMBERGER CANADA LIMITED 2,974,979
SCHMIDT, CHRISTIAN 2,975,032

SCHMIDT, JUSTIN JOSEPH 2,977,530
SCHNEIDER, ALBERT 2,975,014
SCHNEIDERMAN, JACOB 2,977,607
SCHNELL, FREDERICK J. 2,977,528
SCHNERMANN, MARTIN JOHN 2,954,463
SCHOBER, ROBERT C. 2,973,368
SCHOBER, SUSAN MARYA 2,973,368
SCHOELKOPF, ROBERT J., III 2,977,662
SCHOELKOPF, ROBERT J., III 2,977,664
SCHOELKOPF, ROBERT J., III 2,977,790
SCHOELKOPF, ROBERT, J. III 2,977,799
SCHORTGEN, MARC 2,953,271
SCHUENEMAN, RON C. 2,970,472
SCHUETT, NATHAN 2,977,945
SCHUH, MARC J. 2,975,273
SCHULZ-GASCH, TANJA 2,953,862
SCHULZKI, SHARON VIRGINIA 2,978,002
SCHVALLINGER, MICHAEL FRANCK ANTOINE 2,975,947
SCHWAIGER, LUKAS 2,975,340
SCOTT, KURT 2,977,663
SCRIMTEC HOLDINGS, LLC 2,977,682
SEABED SEPARATION AS 2,978,078
SEALE, ROY DANIEL 2,977,682
SEC ENG SYSTEMS PTY LTD 2,977,545
SECOND SCREEN VENTURES LTD. 2,977,740
SEED RESEARCH INSTITUTE CO., LTD. 2,977,919
SEEHOF, CARSTEN 2,976,694
SEKIGUCHI, SHOTA 2,977,347
SEKISUI MEDICAL CO., LTD. 2,977,759
SELCUK, AHMET 2,974,772
SEN, ARITRO 2,978,005
SENSEONICS, INCORPORATED 2,977,758
SERNAGOR, EVELYNE 2,954,852
SERNIAK, KYLE 2,977,662
SETH, PUNIT P. 2,977,965
SHAN, ZENGHAI 2,977,848
SHANKAR, SANTHOSH KUMAR 2,962,265
SHANKAR, SANTHOSH KUMAR 2,962,268
SHANKAR, SHYAM 2,977,664
SHANKAR, SHYAM 2,977,968
SHAPIRO, HERBERT N. 2,973,368
SHARP KABUSHIKI KAISHA 2,977,609
SHARP KABUSHIKI KAISHA 2,977,708
SHARP KABUSHIKI KAISHA 2,977,712
SHARP KABUSHIKI KAISHA 2,977,718
SHARPE, PAULA LOUISE 2,954,627
SHAW, DARRYL STEVEN 2,977,669
SHAW, NEIL GAVIN 2,977,669
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,962,265
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,962,268
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,974,379
SHELTERED WINGS, INC. D/B/A VORTEX OPTICS 2,972,779
SHEMESH, SHAY DAVID 2,978,073
SHEN, CHAO 2,977,799
SHENDELMAN, JOSHUA 2,966,641
SHERMAN, MATTHEW 2,978,080
SHI, YU 2,975,490
SHIAU, TIMOTHY PHILIP 2,977,993
SHIBAHARA, KOKI 2,977,620
SHIMIZU, KANAKO 2,977,606
SHIN NIPPON BIOMEDICAL LABORATORIES, LTD. 2,978,050
SHINGA, JUN 2,977,606
SHIRAI, JUNYA 2,954,042
SHIRAISHI, TOMONARI 2,977,748
SHKOLNIK, ALEXANDER 2,977,569
SHKOLNIK, NIKOLAY 2,977,569
SHORT, KEVIN MICHAEL 2,977,993
SHRESTHA, MADHAV 2,977,194
SHREVE, KENNETH 2,976,138
SHUKLA, MANOJKUMAR RAMPRASAD 2,954,231
SHUMAN, STEWART 2,977,660
SHUTTLE PHARMACEUTICALS, LLC 2,977,996
SIEMENS AKTIENGESELLSCHAFT 2,974,574
SIFLEET, TOD 2,975,617
SILVA ZOLEZZI, IRMA 2,953,286
SILVA, RAUL 2,977,540
SILVENTOINEN, MARKUS 2,970,586
SIMMON, KEITH 2,977,548
SIMMONS, CARL 2,978,099
SIMOES, JOSE 2,977,653
SINAI HEALTH SYSTEM 2,977,685
SINGH, GIRIJ PAL 2,954,215
SINGH, PRIYAM 2,977,965
SIRIPURAPU, SRINIVAS 2,977,997
SIRONA DENTAL SYSTEMS GMBH 2,975,032
SITEC GMBH 2,972,658
SIVASANKAR, SOBHANA 2,978,099
SKATESCRIBE CORPORATION 2,978,141
SKOVHOLT, OTTO 2,978,078
SKY MEDICAL TECHNOLOGY LTD 2,973,173
SLIWA, KATRINA 2,977,664
SLIWA, KATRINA 2,977,968
SLOBODYANSKIY, ILYA ALEKSANDROVICH 2,972,791
SLOVAK, STEVEN M. 2,977,990
SMALLWOOD, NORMAN J. 2,977,672
SMIAROWSKI, ADAM 2,975,203
SMITH, DANIEL 2,977,549
SMITH, RONALD C. 2,977,536
SMITH, RONALD T. 2,975,969
SMITH, STEWART V. 2,954,528
SMITHSON, MATTHEW WESLEY 2,973,666
SNYDER, MICHAEL 2,962,090
SOBIERANSKI, ANTONIO CARLOS 2,977,974
SOFMAT LIMITED 2,975,792
SOKURENKO, EVGENI 2,977,984
SOLACHE LEON, FERNANDO 2,975,120
SOLACHE LEON, FERNANDO 2,975,121
SOLOMON, CHARLEEN SUZANNE 2,977,736
SOMMADOSSI, JEAN-PIERRE 2,978,085
SONG, JAE-KWAN 2,977,939
SONG, RUOZHI 2,953,398
SONOCO DEVELOPMENT, INC. 2,977,791
SOOKRAJ, SADESH H. 2,976,111
SOOKRAJ, SADESH H. 2,977,969
SORENSEN, CHARLES M. 2,953,398
SORENSEN, STEVEN M. 2,977,632
SOUSA MARTIN, CAROLINA 2,954,527
SPANGENBERG, THOMAS 2,953,843
SPEAR, JORDAN 2,966,641
SPEER, IAN 2,978,110
SPENCER, ABIGAIL JUNE 2,975,182
SPINDLER, DANIEL 2,975,940
SPIRAL GENETICS, INC. 2,977,766
SPIVEY, RAYMOND R., SR. 2,962,844
SPRINGETT, CAROLE 2,953,768
SPRINGSKY BIOMED COMPANY LIMITED 2,977,697
SPRINGSKY BIOMED COMPANY LIMITED 2,977,713
SREDNI, BENJAMIN 2,977,738
STAIR, TODD ANTHONY 2,974,633
STAIR, TODD ANTHONY 2,975,090
STAIR, TODD ANTHONY 2,976,196
STANCIU, ROMEO 2,977,551
STANILAND, JOHN 2,974,977
STAUDERMAN, KENNETH 2,978,007
STEFANOS, RAFIK ISHAK 2,977,649
STEFANOS, RAFIK ISHAK 2,977,674
STEINBERG, JENS 2,976,342
STEINER, GERALD 2,953,813
STENGEL, BRAD 2,977,584
STETTLER, HANS 2,974,230
STETTLER, HANS 2,974,231
STEVENS, J. STEDMAN 2,977,952
STEVENS, PAUL 2,968,672
STEWART, KEVIN M. 2,977,538
STEWART, NEIL ANDREW 2,976,031
STIPPSCHILD, ANDREA 2,954,628
STOEVA, MIRA IVANOVA 2,977,980
STONER, JAMES 2,975,551
STRADA DESIGN LIMITED 2,978,110
STRANGE, WARREN 2,978,110
STRASSER, MICHAEL J. 2,966,568
STRAUB WERKE AG 2,974,616
STRAUGHN, ARTHUR 2,977,540
STREPPAROLA, ELIO 2,975,019
STROIKE, CHAD 2,975,340
STULL, ROBERT A. 2,977,502
SU, SHI 2,974,829
SU, SHI 2,974,977
SU, SHI 2,974,979
SUDAR, DAMIR 2,974,616

SUMERIN, VICTOR 2,975,026
SUMITOMO METAL MINING CO., LTD. 2,977,602
SUN PHARMA ADVANCED RESEARCH COMPANY LTD 2,977,612
SUN PHARMA ADVANCED RESEARCH COMPANY LTD. 2,977,611
SUNGAIL, CRAIG MICHAEL 2,969,345
SURMODICS, INC. 2,962,101
SURMODICS, INC. 2,975,886
SUWANDI, LITA 2,954,603
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